

# Aldrich Polymers FT-IR Spectral Library, Edition 2

## Index of Compounds

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
1	(Acrylamidomethyl)cellulose acetate butyrate	55	Nylon 6/10
2	(Acrylamidomethyl)cellulose acetate propionate	56	Nylon 6/12
44	2-Hydroxyethyl cellulose, hydrophobically modified	53	Nylon 6/6
51	8-Methyl-1-nonanol propoxylate-block- ethoxylate	54	Nylon 6/9
21	beta-Cyclodextrin/epichlorohydrin copolymer	3	O-(2-Aminopropyl)-O'-(2-methoxyethyl)polypropylene glycol, ave. mn ca. 600
4	Carboxymethyl cellulose, sodium salt, ultra low viscosity	59	Paraformaldehyde, powder, 95%
5	Cellulose acetate	141	Poly((O-cresyl glycidyl ether)-co- formaldehyde), average mn ca. 870
6	Cellulose acetate	301	Poly((phenyl glycidyl ether)-co-dicyclopentadiene), average mn ca. 490
7	Cellulose acetate butyrate	135	Poly(1-(4-(3-carboxy-4-hydroxyphenylazo)-benzenesulfonamido)-1,2-ethanediyl, sodium salt)
8	Cellulose acetate butyrate	359	Poly(1,1,2-trimethyl-2-phenyl-1,2- disilanediy)
9	Cellulose acetate butyrate	155	Poly(1,1-dimethyl-3,5-dimethylenepiperidinium chloride), 20 wt % solution in water
10	Cellulose acetate butyrate	117	Poly(1,2-butylene glycol) monobutyl ether, average mn ca. 1,500
11	Cellulose acetate butyrate	116	Poly(1,4-butylene adipate), average MW ca. 12,000
12	Cellulose acetate hydrogenphthalate	118	Poly(1,4-butylene terephthalate)
13	Cellulose acetate propionate	142	Poly(1,4-cyclohexanedimethylene succinate)
14	Cellulose acetate trimellitate	299	Poly(1,4-phenylene ether-sulfone), high molecular weight
17	Cellulose propionate	298	Poly(1,4-phenylene ether-sulfone), melt index 75
18	Cellulose propionate	300	Poly(1,4-phenylene sulfide)
16	Cellulose propionate, low molecular weight	111	Poly(1-butene), isotactic, average MW ca. 185,000
19	Cellulose sulfate, sodium salt	113	Poly(1-butene), isotactic, average MW ca. 570,000
20	Cellulose triacetate	112	Poly(1-butene), isotactic, medium molecular weight
15	Cellulose, cyanoethylated	430	Poly(1-vinylpyrrolidone)-graft- (1-hexadecene)
22	Ethyl cellulose	429	Poly(1-vinylpyrrolidone-co-2-dimethyl- aminoethyl methacrylate), quaternized, 20 wt % solution in water
23	Ethyl cellulose	428	Poly(1-vinylpyrrolidone-co-acrylic acid), vp/aa ratio 75:25 (wt. %)
24	Ethyl cellulose	432	Poly(1-vinylpyrrolidone-co-styrene), 40 wt. % solution in water
25	Ethyl cellulose	433	Poly(1-vinylpyrrolidone-co-vinyl acetate)
26	Ethyl cellulose	88	Poly(2-(4-benzoyl-3-hydroxyphenoxy)ethyl acrylate)
27	Ethyl cellulose	158	Poly(2,2-dimethyl-1,3-propylene succinate), average MW ca. 16,000
28	Ethyl cellulose	91	Poly(2,6-bis(hydroxymethyl)-4-methylphenol-co-4-hydroxybenzoic acid)
31	Ethylene glycol bis(pentakis(glycidyl allyl ether)) ether, hydroxy terminated	157	Poly(2,6-dimethyl-1,4-phenylene oxide)
32	Ethylene glycol bis(propylene glycol-b- ethylene glycol) ether	156	Poly(2,6-dimethyl-1,4-phenylene oxide), secondary standard
29	Ethylenediamine tetrakis(ethoxylate-block- propoxylate) tetrol	64	Poly(2-acrylamido-2-methyl-1-propanesulfonic acid-co-styrene)
30	Ethylenediamine tetrakis(propoxylate-block- ethoxylate) tetrol	134	Poly(2-carboxyethyl) acrylate, average MW ca. 170
36	FOMBLIN Y HVAC 140/13	224	Poly(2-ethylhexyl acrylate), secondary standard
33	FOMBLIN Y HVAC 18/8	225	Poly(2-ethylhexyl acrylate), solution in toluene, average MW ca. 92,000
34	FOMBLIN Y HVAC 25/9	226	Poly(2-ethylhexyl methacrylate), solution in toluene, average MW ca. 123,000
35	FOMBLIN Y HVAC 40/11	242	Poly(2-hydroxyethyl methacrylate), average mv ca. 300,000
37	FOMBLIN Y LVAC 06/6	243	Poly(2-hydroxypropyl methacrylate)
38	FOMBLIN Y LVAC 14/6	275	Poly(2-methyl-1,3-propylene glutarate), hydroxy terminated, mn ca. 2,040
39	FOMBLIN Y LVAC 16/6	411	Poly(2-vinylnaphthalene), average MW ca. 100,000
40	FOMBLIN Y LVAC 25/6	417	Poly(2-vinylpyridine), average mv ca. 200,000
41	Hexadimethrine bromide	416	Poly(2-vinylpyridine), average mv ca. 40,000
42	Hydroxybutyl methyl cellulose		
43	Hydroxyethyl cellulose		
45	Hydroxypropyl cellulose		
46	Hydroxypropyl cellulose		
47	Hydroxypropyl cellulose		
48	Hydroxypropyl methyl cellulose		
49	Hydroxypropyl methyl cellulose phthalate		
50	Methyl 2-hydroxyethyl cellulose		
57	Nylon 11		
58	Nylon 12		
52	Nylon 6		

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
415	Poly(2-vinylpyridine), average MW ca. 40,000	276	Poly(alpha-methylstyrene), average mn 685
420	Poly(2-vinylpyridine-co-styrene), average MW ca. 220,000	277	Poly(alpha-methylstyrene), average mn 790
87	Poly(3,3',4,4'-benzophenonetetracarboxylic dianhydride-co-4,4'-oxydianiline/1,3-phenylenediamine), amic acid (solution)	278	Poly(alpha-methylstyrene), average mn ca. 4,000
90	Poly(3,3',4,4'-biphenyltetracarboxylic dianhydride-co-1,4-phenylenediamine), amic acid (solution)	85	Poly(anetholesulfonic acid, sodium salt)
147	Poly(3,3'-diaminobenzophenone-co-3,3',4,4'-benzophenonetetracarboxylic dianhydride)	89	Poly(benzyl methacrylate), average MW ca. 70,000
236	Poly(3-hexylthiophene), regioregular	93	Poly(bisphenol a carbonate), average MW ca. 64,000
237	Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid), natural origin, 5% phv	92	Poly(bisphenol a carbonate), secondary standard
238	Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid), natural origin, 8% phv	94	Poly(bisphenol a-co-epichlorohydrin), average MW ca. 40,000
239	Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid), natural origin, 12% phv	95	Poly(bisphenol a-co-epichlorohydrin), high molecular weight
240	Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid), natural origin, 14% phv	99	Poly(butadiene)
241	Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid), natural origin, 22% phv	101	Poly(butadiene-co-acrylonitrile) diol
96	Poly(4-bromostyrene), average MW ca. 65,000	114	Poly(butyl acrylate), secondary standard, solution in toluene
137	Poly(4-chlorostyrene), average MW ca. 250,000	115	Poly(butyl acrylate), solution in toluene, average MW ca. 99,000
257	Poly(4-isopropylstyrene)	120	Poly(butyl methacrylate), average MW ca. 337,000
265	Poly(4-methoxystyrene)	119	Poly(butyl methacrylate), secondary standard
274	Poly(4-methyl-1-pentene), high molecular weight	122	Poly(butyl methacrylate-co-isobutyl methacrylate), ave. MW ca. 354,000
273	Poly(4-methyl-1-pentene), low molecular weight	123	Poly(butyl methacrylate-co-methyl methacrylate), average MW ca. 100,000
279	Poly(4-methylstyrene), average MW ca. 72,000	133	Poly(carbonate urethane), hard
124	Poly(4-tert-butylstyrene)	132	Poly(carbonate urethane), medium hard
383	Poly(4-vinylbiphenyl), average MW ca. 115,000	131	Poly(carbonate urethane), soft
413	Poly(4-vinylphenol), average MW ca. 20,000	138	Poly(chlorostyrene), mixture of 2- and 4- isomers
418	Poly(4-vinylpyridine), 2% cross-linked	139	Poly(chlorostyrene), mixture of 2- and 4- isomers
419	Poly(4-vinylpyridine-co-butyl methacrylate)	140	Poly(coumarone-co-indene), average mn ca. 735
421	Poly(4-vinylpyridine-co-styrene)	143	Poly(cyclohexyl methacrylate), average MW ca. 65,000
422	Poly(4-vinylpyridinium dichromate), cross-linked	144	Poly(cyclohexyl methacrylate), cross-linked
391	Poly(9-vinylcarbazole), average MW ca. 1,100,000	145	Poly(diallyl isophthalate), average mn ca. 5,000
390	Poly(9-vinylcarbazole), secondary standard	146	Poly(diallyl phthalate), average MW ca. 65,000 (gpc)
62	Poly(acrylamide-co-acrylic acid), 1.5 wt. % acrylic acid	154	Poly(dimer acid-co-1,6-hexanediol-co-adipic acid), hydrogenated
63	Poly(acrylamide-co-acrylic acid), 10 wt. % acrylamide	149	Poly(dimer acid-co-alkyl polyamine), softening point 130
65	Poly(acrylic acid), average mv ca. 450,000	150	Poly(dimer acid-co-alkyl polyamine), softening point 140
67	Poly(acrylic acid), average MW ca. 1,250,000	151	Poly(dimer acid-co-alkyl polyamine), softening point 160
68	Poly(acrylic acid), average MW ca. 3,000,000	152	Poly(dimer acid-co-alkyl polyamine), softening point 200
69	Poly(acrylic acid), average MW ca. 4,000,000	148	Poly(dimer acid-co-alkyl polyamine), softening point 95
66	Poly(acrylic acid), average MW ca. 750,000	153	Poly(dimer acid-co-ethylene glycol), hydrogenated
72	Poly(acrylic acid), sodium salt-graft- poly(ethylene oxide), cross-linked	161	Poly(dimethylsiloxane), 200 fluid, viscosity 5 centistokes
70	Poly(acrylic acid, ammonium salt)	162	Poly(dimethylsiloxane), 200 fluid, viscosity 60,000 centistokes
71	Poly(acrylic acid-co-acrylamide), potassium salt, cross-linked	163	Poly(dimethylsiloxane), bis(12-hydroxystearate) terminated
74	Poly(acrylonitrile-co-butadiene), 19-22 wt. % acrylonitrile	165	Poly(dimethylsiloxane), distearate terminated
75	Poly(acrylonitrile-co-butadiene), 30-35 wt. % acrylonitrile	159	Poly(dimethylsiloxane), secondary standard
77	Poly(acrylonitrile-co-butadiene), amine terminated, 10 wt. % acrylonitrile	160	Poly(dimethylsiloxane), secondary standard molecular weight series
76	Poly(acrylonitrile-co-butadiene), amine terminated, 18 wt. % acrylonitrile	164	Poly(dimethylsiloxane-co-dimer acid), bis(perfluorododecyl) terminated
78	Poly(acrylonitrile-co-butadiene), dicarboxy terminated, average mn 3,550	166	Poly(dimethylsiloxane-co-methyl(3-hydroxy-propyl)siloxane)-graft-poly(ethylene glycol) 3-aminopropyl ether
79	Poly(acrylonitrile-co-butadiene), dicarboxy terminated, average mn 3,800	167	Poly(dimethylsiloxane-co-methyl(3-hydroxypropyl)siloxane)-graft-poly(ethylene glycol)(3-(trimethylammonio)propyl chloride) ether, solution in 2-propanal
80	Poly(acrylonitrile-co-butadiene), hydrogenated	168	Poly(diphenoxyphosphazene)
81	Poly(acrylonitrile-co-butadiene-co-acrylic acid), dicarboxy terminat, ave mn 3600	169	Poly(dipropylene glycol) phenyl phosphite
82	Poly(acrylonitrile-co-butadiene-co-acrylic acid), dicarboxy terminated, glycidyl methacrylate diester	172	Poly(ethyl acrylate), secondary standard, solution in toluene
83	Poly(allylamine hydrochloride), average MW ca. 15,000	173	Poly(ethyl acrylate), solution in toluene, average MW ca. 95,000
84	Poly(allylamine hydrochloride), average MW ca. 70,000	227	Poly(ethyl methacrylate), average MW ca. 515,000
		228	Poly(ethyl methacrylate-co-methyl acrylate), average MW ca. 100,000

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
229	Poly(ethyl vinyl ether)	253	Poly(isodecyl methacrylate), solution in toluene, average MW ca. 165,000
192	Poly(ethylene glycol) bis(2-ethylhexanoate)	256	Poly(isopropyl methacrylate), average MW ca. 100,000
193	Poly(ethylene glycol) butyl ether, average mn ca. 206	258	Poly(lauryl methacrylate), secondary standard, solution in toluene
194	Poly(ethylene glycol) distearate, average mn ca. 930	259	Poly(maleic anhydride-alt-1-octadecene)
198	Poly(ethylene glycol) methyl ether, average mn ca. 2,000	261	Poly(maleic anhydride-alt-1-tetradecene)
195	Poly(ethylene glycol) methyl ether, average mn ca. 350	260	Poly(maleic anhydride-alt-alpha-olefin, C24-C28)
199	Poly(ethylene glycol) methyl ether, average mn ca. 5,000	262	Poly(melamine-co-formaldehyde), butylated, 95 wt. % in 1-butanol
196	Poly(ethylene glycol) methyl ether, average mn ca. 550	263	Poly(melamine-co-formaldehyde), methylated
197	Poly(ethylene glycol) methyl ether, average mn ca. 750	264	Poly(melamine-co-formaldehyde), methylated/butylated (55/45)
191	Poly(ethylene glycol), average M.W. 14,000	266	Poly(methyl acrylate), secondary standard, solution in toluene
187	Poly(ethylene glycol), average mn ca. 1,500	267	Poly(methyl acrylate), solution in toluene, average MW ca. 40,000
190	Poly(ethylene glycol), average mn ca. 10,000	270	Poly(methyl methacrylate), average M.W. 120,000
183	Poly(ethylene glycol), average mn ca. 200	269	Poly(methyl methacrylate), average MW ca. 15,000
188	Poly(ethylene glycol), average mn ca. 3,400	271	Poly(methyl methacrylate), average MW ca. 996,000
184	Poly(ethylene glycol), average mn ca. 300	268	Poly(methyl methacrylate), secondary standard
185	Poly(ethylene glycol), average mn ca. 400	272	Poly(methyl methacrylate-co-ethyl acrylate), average MW ca. 101,000
186	Poly(ethylene glycol), average mn ca. 600	281	Poly(methyl vinyl ether), 50 wt. % solution in water
189	Poly(ethylene glycol), average mn ca. 8,000	283	Poly(methyl vinyl ether-alt-maleic acid monobutyl ester), 50 wt.% in ethanol
203	Poly(ethylene glycol), reacted with bisphenol a diglycidyl ether	285	Poly(methyl vinyl ether-alt-maleic acid monoethyl ester), 50 wt % in 2-propanol
200	Poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol) average mn 1,100	284	Poly(methyl vinyl ether-alt-maleic acid monoethyl ester), 50 wt. % in ethanol
201	Poly(ethylene glycol-co-propylene glycol) monobutyl ether, average mn ca. 970	282	Poly(methyl vinyl ether-alt-maleic acid), average MW ca. 216,000
202	Poly(ethylene glycol-co-propylene glycol) monobutyl ether, average mn ca. 1,700	289	Poly(methyl vinyl ether-alt-maleic anhydride), ave MW ca. 1,980,000
206	Poly(ethylene oxide), mv ca. 100,000	287	Poly(methyl vinyl ether-alt-maleic anhydride), average MW ca. 1,080,000
207	Poly(ethylene oxide), mv ca. 200,000	288	Poly(methyl vinyl ether-alt-maleic anhydride), average MW ca. 1,250,000
208	Poly(ethylene oxide), mv ca. 300,000	290	Poly(methyl vinyl ether-alt-maleic anhydride), average MW ca. 2,400,000
210	Poly(ethylene oxide), mv ca. 5,000,000	286	Poly(methyl vinyl ether-alt-maleic anhydride), average MW ca. 216,000
209	Poly(ethylene oxide), mv ca. 600,000	297	Poly(N,N'-(1,4-phenylene)-3,3',4,4'-benzophenonetetracarboxylic imide/amic acid)
216	Poly(ethylene succinate)	291	Poly(neopentyl glycol adipate), isophorone diisocyanate terminated, 7.8 wt % nco
217	Poly(ethylene terephthalate)	292	Poly(neopentyl glycol sebacate)
204	Poly(ethylene-alt-maleic anhydride)	293	Poly(octadecyl methacrylate), secondary standard, solution in toluene
177	Poly(ethylene-co-butyl acrylate-co-maleic anhydride)	294	Poly(octadecyl methacrylate), solution in toluene, average MW ca. 170,000
181	Poly(ethylene-co-ethyl acrylate), melt index 20	295	Poly(octadecyl vinyl ether-co-maleic anhydride)
182	Poly(ethylene-co-ethyl acrylate), melt index 6	296	Poly(octyl acrylate), solution in toluene
205	Poly(ethylene-co-methacrylic acid), sodium salt, melt index 2.8	302	Poly(polytetrahydrofuran carbonate) diol, average mn ca. 2,000
213	Poly(ethylene-co-propylene)	311	Poly(propylene glycol) monobutyl ether, average m.N. ca. 2,500
214	Poly(ethylene-co-propylene-co-5-methylene-2-norbornene), 50 wt. % ethylene	307	Poly(propylene glycol), average mn ca. 1,000
215	Poly(ethylene-co-propylene-co-5-methylene-2-norbornene), 70 wt. % ethylene	308	Poly(propylene glycol), average mn ca. 2,000
218	Poly(ethylene-co-vinyl acetate), 14 wt. % vinyl acetate	309	Poly(propylene glycol), average mn ca. 2,700
219	Poly(ethylene-co-vinyl acetate), 25 wt. % vinyl acetate, ave MW ca. 150,000(gpc)	310	Poly(propylene glycol), average mn ca. 3,500
220	Poly(ethylene-co-vinyl acetate), 33 wt. % vinyl acetate	305	Poly(propylene glycol), average mn ca. 425
221	Poly(ethylene-co-vinyl acetate), 40 wt. % vinyl acetate	306	Poly(propylene glycol), average mn ca. 725
230	Poly(glycidyl 3-(pentadecadienyl)phenyl ether-co-formaldehyde)		
232	Poly(hexadecyl methacrylate), solution in toluene, average MW ca. 200,000		
234	Poly(hexamethylene sebacate)		
235	Poly(hexyl methacrylate), solution in toluene, ave MW ca. 400,000		
244	Poly(isobornyl methacrylate), average MW ca. 554,000		
245	Poly(isobutyl acrylate), secondary standard, solution in toluene		
251	Poly(isobutyl methacrylate), average MW ca. 70,000		
250	Poly(isobutyl methacrylate), secondary standard		
252	Poly(isobutyl vinyl ether), average MW ca. 600,000		

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
312	Poly(propylene glycol)-block-poly(ethylene glycol)-block-poly(propylene glycol) mn 2,000	368	Poly(vinyl alcohol), 99+% hydrolyzed average MW 89,000-98,000
313	Poly(propylene oxide), bis(dimethoxymethylsilyl) terminated	378	Poly(vinyl alcohol-co-ethylene), ethylene content 27 mole %
357	Poly(p-toluenesulfonamide-co-formaldehyde)	379	Poly(vinyl alcohol-co-ethylene), ethylene content 32 mole %
314	Poly(pyromellitic dianhydride-co-4,4'-oxydianiline), amic acid (solution)	380	Poly(vinyl alcohol-co-ethylene), ethylene content 38 mole %
315	Poly(sodium 4-styrenesulfonate), average M.W. ca. 70,000	381	Poly(vinyl alcohol-co-ethylene), ethylene content 44 mole %
319	Poly(styrene) standard, typical MW 9,000	384	Poly(vinyl butyral-co-vinyl alcohol-co-vinyl acetate), 80 wt. % vinyl butyral
342	Poly(styrene-alt-maleic anhydride), average MW ca. 350,000	385	Poly(vinyl butyral-co-vinyl alcohol-co-vinyl acetate), average MW 70,000-100,000
328	Poly(styrene-co-acrylonitrile), 25 wt. % acrylonitrile, average MW ca. 165,000	386	Poly(vinyl butyral-co-vinyl alcohol-co-vinyl acetate), average MW 90,000-120,000
329	Poly(styrene-co-acrylonitrile), 30 wt. % acrylonitrile, average MW ca. 185,000	387	Poly(vinyl butyral-co-vinyl alcohol-co-vinyl acetate), average MW 170,000-250,000
330	Poly(styrene-co-allyl alcohol)	388	Poly(vinyl butyral-co-vinyl alcohol-co-vinyl acetate), average M.W. 50,000-80,000
332	Poly(styrene-co-butadiene), 45 wt. % styrene	389	Poly(vinyl butyrate)
331	Poly(styrene-co-butadiene), styrene content 23%	393	Poly(vinyl chloride)
334	Poly(styrene-co-isoprene), aba block copolymer	398	Poly(vinyl chloride), carboxylated
335	Poly(styrene-co-maleic acid), partial 2-butoxyethyl ester	394	Poly(vinyl chloride), inherent viscosity 0.68
337	Poly(styrene-co-maleic acid), partial cyclohexyl/isopropyl ester	395	Poly(vinyl chloride), inherent viscosity 0.92
338	Poly(styrene-co-maleic acid), partial isobutyl/ methyl mixed ester, average mv ca. 180,000	396	Poly(vinyl chloride), inherent viscosity 1.02
339	Poly(styrene-co-maleic acid), partial isobutyl/ methyl mixed ester, average mv ca. 225,000	397	Poly(vinyl chloride), inherent viscosity 1.40
340	Poly(styrene-co-maleic acid), partial isoocetyl ester	392	Poly(vinyl chloride), secondary standard
341	Poly(styrene-co-maleic acid), partial propyl ester	401	Poly(vinyl chloride-co-vinyl acetate) 17 wt. % vinyl acetate
336	Poly(styrene-co-maleic acid), partial sec-butyl/methyl mixed ester	399	Poly(vinyl chloride-co-vinyl acetate), 10 wt. % vinyl acetate
343	Poly(styrene-co-maleic anhydride), 65 wt. % styrene, average m.N. 1600	400	Poly(vinyl chloride-co-vinyl acetate), 13 wt. % vinyl acetate
344	Poly(styrene-co-maleic anhydride), 67 wt. % styrene, average m.N. 1700	402	Poly(vinyl chloride-co-vinyl acetate-co-maleic acid), 83 wt. % vinyl chloride
345	Poly(styrene-co-maleic anhydride), 75 wt. % styrene, average m.N. 1900	404	Poly(vinyl chloride-co-vinyl acetate-co-vinyl alcohol), vinyl chloride content 91%
351	Poly(styrenesulfonic acid-co-maleic acid), sodium salt, 3 to 1 styrene/mah mole	405	Poly(vinyl cinnamate), average MW ca. 200,000
121	Poly(tert-butyl methacrylate)	406	Poly(vinyl formal)
358	Poly(trimellitic anhydride chloride-co-4,4'-methylenedianiline)	280	Poly(vinyl methyl ether), 50 wt. % solution in toluene
360	Poly(urea-co-formaldehyde), methylated	410	Poly(vinyl methyl ketone), average MW ca. 500,000
363	Poly(vinyl acetate), average MW ca. 113,000	412	Poly(vinyl neodecanoate)
364	Poly(vinyl acetate), average MW ca. 167,000	435	Poly(vinyl stearate), average MW ca. 90,000
362	Poly(vinyl acetate), average MW ca. 83,000	434	Poly(vinyl stearate), secondary standard
361	Poly(vinyl acetate), secondary standard	436	Poly(vinyl sulfate, potassium salt), average MW ca. 170,000
365	Poly(vinyl acetate-co-butyl maleate-co-isobornyl acrylate), 50 wt% solution in ethanol	382	Poly(vinylbenzyl chloride), 60/40 mixture of 3- and 4-isomers
366	Poly(vinyl alcohol), 100% hydrolyzed, average M.W. 14,000	407	Poly(vinylidene chloride-co-acrylonitrile), low molecular weight
367	Poly(vinyl alcohol), 100% hydrolyzed, average M.W. 77,000-79,000	408	Poly(vinylidene chloride-co-vinyl chloride)
376	Poly(vinyl alcohol), 75% hydrolyzed, average M.W. 2,000	409	Poly(vinylidene fluoride), average MW ca. 534,000
377	Poly(vinyl alcohol), 75% hydrolyzed, average M.W. 3,000	414	Poly(vinylpropionate), solution in toluene, average MW ca. 34,000
375	Poly(vinyl alcohol), 88% hydrolyzed, average M.W. 106,000-110,000	233	Poly(4,4'-(hexafluoroisopropylidene)diphthalic anhydride-co-4,4'-oxydianiline), amic acid (solution)
374	Poly(vinyl alcohol), 88% hydrolyzed, average M.W. 77,000-79,000	60	Polyacenaphthylene
373	Poly(vinyl alcohol), 88% hydrolyzed, average M.W. ca. 25,000	61	Polyacrylamide, average MW ca. 10,000, 50 wt. % solution in water
372	Poly(vinyl alcohol), 96% hydrolyzed, average M.W. 77,000-79,000	73	Polyacrylonitrile
371	Poly(vinyl alcohol), 98% hydrolyzed, average M.W. 106,000-110,000	86	Polybenzimidazole
369	Poly(vinyl alcohol), 98% hydrolyzed, average M.W. 11,000-31,000	98	Polybutadiene, cis and trans, average MW ca. 420,000
370	Poly(vinyl alcohol), 98% hydrolyzed, average MW 13,000-23,000	97	Polybutadiene, cis, average MW 2,000,000- 3,000,000
		100	Polybutadiene, dicarboxy terminated, average mn 4,200
		102	Polybutadiene, epoxy/hydroxy functionalized, ave mn ca 1,300, ave MW ca 2,600
		103	Polybutadiene, hydroxyl functionalized, ave. mn ca. 1,200, ave. MW ca. 2,400
		105	Polybutadiene, hydroxyl functionalized, ave. MW ca. 6,200, ave mn ca. 2,800
		104	Polybutadiene, hydroxyl functionalized, average mn ca. 2,800

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
106	Polybutadiene, phenyl terminated, average mn ca. 1,000	325	Polystyrene standard, typical MW 400,000
107	Polybutadiene, phenyl terminated, average mn ca. 1,300	322	Polystyrene standard, typical MW 50,000
108	Polybutadiene, phenyl terminated, average mn ca. 1,500	316	Polystyrene standard, typical MW 800
109	Polybutadiene, phenyl terminated, average mn ca. 1,800	323	Polystyrene standard, typical MW 90,000
110	Polybutadiene, phenyl terminated, average mn ca. 3,400	326	Polystyrene standard, typical MW 900,000
127	Polycaprolactone diol, average mn ca. 1250	333	Polystyrene, dicarboxy terminated, average MW ca. 100,000
128	Polycaprolactone diol, average mn ca. 2,000	346	Polystyrene, monocarboxy terminated, average MW ca. 200,000
126	Polycaprolactone diol, average mn ca. 530	349	Polystyrene-block-poly(ethylene-ran-butylene)-block-polystyrene, 28 wt. % styrene
129	Polycaprolactone triol, average mn ca. 900	350	Polystyrene-block-poly(ethylene-ran-butylene)-block-polystyrene, 29 wt. % styrene
125	Polycaprolactone, average mn ca. 42,500	347	Polystyrene-block-polybutadiene-block-polystyrene, 28 wt. % styrene
130	Polycarbonate resin, ultra high molecular weight	348	Polystyrene-block-polybutadiene-block-polystyrene, 30 wt. % styrene, MW 140,000
136	Polychloroprene, average MW ca. 200,000, mooney viscosity 40	353	Polysulfone, average mn ca. 22,000
170	Polyepichlorohydrin, average MW ca. 700,000	352	Polysulfone, secondary standard
171	Polyester-block-polyether alpha, omega- diol	354	Polytetrafluoroethylene
178	Polyethylene, chlorinated, 25% chlorine	356	Polytetrahydrofuran, linear-chain polymer with oxirane
179	Polyethylene, chlorinated, 40% chlorine	355	Polytetrahydrofuran, linear-chain polymer, average mn ca. 250
180	Polyethylene, chlorosulfonated	424	Polyvinylpyrrolidone, average MW ca. 10,000
176	Polyethylene, high density, average MW ca. 125,000	425	Polyvinylpyrrolidone, average MW ca. 29,000
174	Polyethylene, low density	427	Polyvinylpyrrolidone, average MW ca. 360,000
175	Polyethylene, medium density	426	Polyvinylpyrrolidone, average MW ca. 55,000
212	Polyethylene, oxidized, high molecular weight	423	Polyvinylpyrrolidone, cross-linked
211	Polyethylene, oxidized, low molecular weight	431	Polyvinylpyrrolidone-iodine complex
223	Polyethylenimine, epichlorohydrin modified, 17 wt. % solution in water	437	Polyvinyltoluene, mixed isomers, average MW ca. 80,000
222	Polyethylenimine, low molecular weight, water-free	438	Rubber, chlorinated
231	Polyglycine	439	Saran resin, f120
247	Polyisobutylene, average mv ca. 1,200,000	440	Saran resin, f220
248	Polyisobutylene, average mv ca. 2,700,000	442	Terathane 1000 polyether glycol
249	Polyisobutylene, average mv ca. 4,700,000	443	Terathane 2000 polyether glycol
246	Polyisobutylene, average mv ca. 420,000	444	Terathane 2900 polyether glycol
254	Polyisoprene, cis	441	Terathane 650 polyether glycol
255	Polyisoprene, trans	445	Tyloxapol
304	Polypropylene, chlorinated, average MW ca. 230,000	446	Vestopal 110, 66 wt. % solution in styrene
303	Polypropylene, isotactic, average MW ca. 250,000	403	Vinyl chloride/vinyl acetate/vinyl alcohol/terpolymervinyl chloride content 80%
327	Polystyrene standard, typical MW 2,000,000		
317	Polystyrene standard, typical MW 2,500		
320	Polystyrene standard, typical MW 20,000		
324	Polystyrene standard, typical MW 200,000		
321	Polystyrene standard, typical MW 35,000		
318	Polystyrene standard, typical MW 4,000		