



OUR POLYOLS PORTFOLIO

Monument Chemical produces a full line of POLY-G®, POLY-L®, and POLY-Q® polyether diols, triols and tetrols for use in flexible, rigid and non-foam urethane applications. In addition to the polyether polyols, Monument Chemical also offers POLY-A® polyether amines for use in elastomeric coatings applications. The chart below describes the current list of polyol products available from Monument Chemical. The physical properties given below are typical and should not be taken as specifications**.

Product Name	Functionality	Molecular Weight Avg.	OH Number Avg. (mg KOH/g)	Acid Number Max. (mg KOH/g)	Water Max.	pH Avg.()	Color Max. (APHA)	Viscosity @ 25C (cp)	Specific Gravity @ 25C
PPG Diols									
20-28	2	4000	28	0.05	0.02	6.0	45	800	1.001
20-37	2	3000	37	0.05	0.05	5.5	50	575	1.002
20-58	2	1900	60	0.05	0.05	6.5	50	325	1.001
20-112	2	1000	112	0.05	0.02	6.0	20	145	1.003
20-265	2	425	265	0.02	0.02	6.5	50	75	1.006
26-150	2	775	146	0.05	0.02	6.0	25	140	1.004
Reactive Diols									
22-37	2	3000	37	0.05	0.05	6.5	100	750	1.080
22-56	2	2000	56	0.05	0.05	6.0	50	470	1.099
55-28	2	4000	28	0.05	0.02	6.0	50	875	1.023
55-37	2	3000	37	0.05	0.02	6.5	50	600	1.036
55-53	2	2000	56	0.05	0.04	6.0	50	355	1.033
55-56	2	2000	56	0.03	0.02	6.0	50	375	1.055
55-112	2	1000	112	0.05	0.02	6.5	50	175	1.056
55-173	2	650	173	0.05	0.02	6.5	50	110	1.058
Glycerin Triols									
30-28	3	6000	28	0.05	0.02	6.5	45	1130	1.005
30-33	3	5000	33	0.03	0.02	6.0	30	900	1.005
30-42	3	4000	40	0.03	0.03	5.0	35	700	1.005
30-56	3	3000	56	0.05	0.03	7.0	35	500	1.007
30-113	3	1500	112	0.05	0.03	6.0	30	300	1.015
30-169	3	1000	168	0.05	0.05	6.0	50	250	1.022
30-238	3	700	235	0.05	0.05	5.0	50	250	1.028
30-280	3	600	274	0.05	0.03	6.5	40	275	1.035
30-442	3	400	440	0.02	0.05	6.5	70	340	1.060
30-565	3	300	565	0.05	0.08	6.3	30	630	1.076
Reactive Triols									
32-48	3	3500	48	0.03	0.04	7.0	100	550	1.017
32-56	3	3000	56	0.05	0.05	7.0	50	480	1.013
32-58	3	3000	58	0.02	0.06	6.5	35	475	1.010
36-232	3	725	232	0.05	0.03	6.5	40	265	1.030
37-600	3	280	600	-	0.08	11.0	5G	380	1.050
76-120	3	1400	120	0.05	0.08	6.0	100	275	1.050
76-160	3	750	160	0.05	0.03	6.2	50	175	1.007
76-635	3	265	648	0.05	0.03	6.5	50	930	1.091
83-26	3	6500	26	0.04	0.02	6.0	50	1225	1.012
83-34	3	4500	34	0.04	0.05	6.0	50	1275	1.085
83-49	3	3500	48	0.04	0.03	6.0	50	875	1.105
83-56	3	2500	56	0.05	0.10	6.0	100	500	1.020
83-170	3	1000	170	0.05	0.05	6.0	70	188	1.101
85-24	3	7000	24	0.05	0.03	7.5	50	1420	1.031
85-29	3	6500	28	0.05	0.03	6.2	50	1175	1.022
85-34	3	4500	35	0.02	0.03	7.4	50	875	1.021
85-36i	3	4500	37	0.05	0.04	5.5	50	750	1.024
85-37	3	4500	37	0.03	0.04	6.5	40	750	1.027
85-39	3	4500	37	0.10	0.05	6.0	50	1100	1.090
85-240	3	700	240	0.10	0.05	7.0	50	250	1.080
86-138	3	1200	138	0.05	0.05	6.0	70	300	1.090

Product Name	Functionality	Molecular Weight Avg.	OH Number Avg. (mg KOH/g)	Acid Number Max. (mg KOH/g)	Water Max.	pH Avg.	Color Max. (APHA)	Viscosity @ 25C (cp)	Specific Gravity @ 25C
Aliphatic Amine Polyols									
37-600	3	280	600	-	0.08	11.0	5G	380	1.050
70-600	3	-	600	-	0.1	11.0	18G	265	1.129
40-56	4	4000	56	-	0.05	10.0	100	650	1.004
40-770	4	450	745	-	0.05	11.0	79	50,000	1.032
40-480	4	278	800	-	0.05	11.0	300	4,000	1.025
40-800	4	278	800	-	0.05	11.0	70	17,000	1.055
43-455	4	493	455	-	0.05	11.0	80	2,100	1.036
50-45 Crude	5	6000	47	-	0.10	13.0	-	1,400	1.00
53-35	5	8000	35	-	0.05	10.0	50	1,250	1.030
PEP Tetrols									
540-378	4	600	378	0.05	0.05	5.5	30	1062	1.053
540-450	4	500	450	0.05	0.05	5.5	50	1750	1.064
540-555	4	400	555	0.05	0.05	5.5	50	2715	1.078
542-449	4	500	449	0.25	0.25	7.5	200	809	1.110
TMPs									
30-400 T	3	420	400	0.05	0.05	5.5	50	613	1.033
30-64 T	3	2500	64	0.04	0.05	5	35	450	1.010
Sugar Polyols									
71-357	4.5	-	355	-	0.08	10.5	12G	2400	1.075
71-360	4.5	-	360	-	0.1	9.0	12G	2750	1.084
71-530	4.5	-	530	-	0.08	11.0	12G	13500	1.110
73-490	5	-	490	-	0.1	8.3	6G	9500	1.092
74-376	4.5	-	365	-	0.1	6.3	7G	2750	1.087
74-380	5.2	-	380	-	0.1	6.0	11G	5350	1.100
74-444	4.5	-	440	-	0.03	7.0	12G	5000	1.106
HQEE									
HQEE	2	198	555	-	0.10	-	-	-	1.151
Monol									
11-14	1	4000	14	-	-	9.8	150	1400	1.100
11-102	1	550	102	0.15	0.50	6.0	50	60	1.100
110-35	1	-	35	0.02	0.10	7.0	100	420	0.996
Low Monol									
220-56	2	2000	56	0.05	0.02	-	-	350	1.003
255-28	2	4000	28	0.05	0.02	-	-	1600	1.025
Urethane Grade PEG Diol									
21-112	2	1000	112.0	0.05	0.05	5.5	30 (25% sol.)	18 (cst @ 99 °C)	1.1278
Polymer Polyols									
92-27	3	-	29.5	0.06	0.05	7.5	-	5000	-
Amine Terminated									
Product Name	Functionality	Molecular Weight Avg.	Total Amine (meq/g)	-	Water Max.	pH Avg.	Color Max. (APHA)	Viscosity @ 25C (cp)	Specific Gravity @ 25C
27-2000	2	2000	1.00	-	0.1	10.8	100	250	0.995
37-5000	3	5000	0.55	-	0.1	-	50	785	1.002

*pH measured in IPA/Water solution at a 10/6 ratio.

**Not to be construed as product specification

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G = Gardner

Let's Start the Conversation!

Learn more about us at www.monumentchemical.com, or reach out to us directly: Our team is continually expanding our capabilities to deliver the specific products our customers need – when and where they need them.

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Please refer to the Safety Data Sheet (SDS) for complete information on Storage and Handling, Toxicological Properties, Personal Protection, First Aid, Spill and Leak Procedures, and Waste Disposal.

Before using or handling this product, the SDS should be thoroughly reviewed.



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