



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**.

POLY-G Polyols	Molecular Weight Avg.	OH Number Avg. (mg KOH/g)	Acid Number Max. (mg KOH/g)	% Water Max.	pH Avg.*	Color Max. (APHA)	Viscosity @ 25 °C (cp)	Specific Gravity @ 25 °C
Diols								
20-28	4000	28	0.05	0.02	6.0	45	800	1.001
20-37	3000	37	0.05	0.05	5.5	50	575	1.002
20-56	2000	56	0.05	0.02	6.0	20	315	1.001
20-112	1000	112	0.05	0.02	6.0	20	145	1.003
20-265	425	265	0.02	0.02	6.5	50	75	1.006
22-37	3000	37	0.05	0.05	6.5	100	750	1.080
22-56	2000	56	0.05	0.05	6.0	50	470	1.099
26-150	775	146	0.05	0.02	6.0	25	140	1.004
55-28	4000	28	0.05	0.02	6.0	50	875	1.023
55-37	3000	37	0.05	0.02	6.5	50	600	1.036
55-53	2000	56	0.05	0.04	6.0	50	355	1.033
55-56	2000	56	0.03	0.02	6.0	50	375	1.055
55-112	1000	112	0.05	0.02	6.5	50	175	1.056
55-173	650	173	0.05	0.02	6.5	50	110	1.058
Triols								
30-28	6000	28	0.05	0.02	6.5	45	1130	1.005
30-42	4000	40	0.03	0.03	5.0	35	700	1.005
30-56	3000	56	0.05	0.03	7.0	35	500	1.007
30-64 T	2500	64	0.04	0.05	5.0	35	450	1.010
30-113	1500	112	0.05	0.03	6.0	30	300	1.015
30-169	1000	168	0.05	0.05	6.0	50	250	1.022
30-240	700	235	0.05	0.05	5.0	35	250	1.029
30-280	600	274	0.05	0.03	6.5	40	275	1.035
30-565	300	565	0.05	0.08	6.3	30	630	1.076
32-48	3500	48	0.03	0.04	7	100	550	1.017
32-56	3000	56	0.05	0.05	7	50	480	1.013
36-232	725	232	0.05	0.03	6.5	40	265	1.030
37-600	280	600	--	0.08	11	5G	380	1.050
76-120	1400	120	0.05	0.08	6.0	100	275	1.050
76-160	736	160	0.05	0.03	6.2	50	175	1.007
76-635	265	648	0.05	0.03	6.5	50	930	1.091
83-26	6500	26	0.04	0.02	6.0	50	1225	1.012
83-34	4500	34	0.04	0.05	6.0	50	1275	1.085
83-49	3500	48	0.04	0.03	6.0	50	875	1.105
83-170	1000	170	0.05	0.05	6.0	70	188	1.101
85-24	7000	24	0.05	0.03	7.5	50	1420	1.031
85-29	6500	28	0.05	0.03	6.2	50	1175	1.022
85-34	4500	35	0.02	0.03	7.4	50	875	1.021
85-36	4500	37	0.05	0.04	5.5	50	750	1.024
85-37	4500	37	0.03	0.04	6.5	40	750	1.027

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

G = Gardner

**Not to be construed as product specification

* POLY-G®, POLY-Q®, POLY-L® and POLY-A® is a registered trademark of Monument Chemical Kentucky LLC

Effective 3/2019

POLY-G Polyols	Molecular Weight Avg.	OH Number Avg. (mg KOH/g)	Acid Number Max. (mg KOH/g)	% Water Max.	pH Avg.*	Color Max. (APHA)	Viscosity @ 25 °C (cp)	Specific Gravity @ 25 °C
Chain Extenders & Cross Linkers								
30-400 T	420	400	0.05	0.05	5.5	50	613	1.033
540-378	600	378	0.05	0.05	5.5	30	1062	1.053
540-450	500	450	0.05	0.05	5.5	50	1750	1.064
540-555	400	555	0.05	0.05	5.5	50	2715	1.078
542-449	500	449	0.25	0.05	7.5	200	809	1.110
HQEE	198	555	--	0.10	--	--	--	1.151
Urethane Grade PEGs								
21-112	1000	112	0.05	0.05	5.5	(25% solution) 30	18 (cst @ 99 °C)	1.1278
POLY-L Polyols								
220-56	2000	56	0.05	0.02	6.0	50	350	1.003
255-28	4000	28	0.05	0.02	6.0	70	1600	1.025
Polymer Polyols								
92-27	--	29.5	0.06	0.05	7.5	--	3500	--
POLY-Q Polyols								
40-56	4000	56	--	0.05	10.0	100	650	1.004
40-770	292	745	--	0.05	11.0	70	50,000	1.032
40-480	468	480	--	0.10	11	300	4,000	1.025
40-800	278	800	--	0.05	11.0	70	17,000	1.055
43-455	493	455	--	0.05	11	80	2,100	1.036
Rigids								
70-600	--	600	--	0.1	11.0	18G	265	1.129
71-357	--	355	--	0.08	10.5	12G	2400	1.075
71-360	--	360	--	0.1	9.0	12G	2750	1.084
71-530	--	530	--	0.08	11.0	12G	13500	1.110
73-490	--	490	--	0.1	8.3	6G	9500	1.092
74-376	--	365	--	0.1	6.3	7G	2750	1.087
74-292	--	292	--	0.1	11.5	16G	700	1.115
74-444	--	440	--	0.03	7.0	12G	5000	1.106
POLY-A Polyols Amine Terminated	Molecular Weight Avg.	Total Amine (meq/g)	--	% Water Max.	pH Avg.*	Color Max. (APHA)	Viscosity @ 25 °C (cp)	Specific Gravity @ 25 °C
27-2000	2000	1.00	--	0.1	10.8	100	250	0.995
37-5000	5000	0.55	--	0.1	--	50	785	1.002

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

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For More Information: Technical Service

Technical service is available to facilitate further use of Monument Chemical products. If you have a specific question or need further information, please write or call Monument Chemical, Customer Service, 2450 Olin Road, Brandenburg, KY 40108; (800) 636-3786, or fax: (270) 422-6456.

Or visit our web site at:

www.monumentchemical.com

How to Order

To place orders for delivery in the U.S. or Canada and to get fast answers on order status or product availabilities, call our toll-free number:

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For written inquiries about orders, and to place confirmations, send to:

**Monument Chemical, Customer Service
2450 Olin Road, Brandenburg, KY 40108**

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. To order an SDS, call Monument Chemical at (800) 636-3786. Before using or handling this product, the SDS should be thoroughly reviewed.

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