

PREMINOL™

Polyol Grades



PREMINOL™ polyether polyols are ultra-low unsaturated value polyols that increase the chemical and mechanical properties in Coatings, Adhesive, Sealant, and Elastomer (CASE) applications and provide added value to the final product.

Typical Properties of PREMINOL™

Product	Functionality	OH Content (mg KOH/g)	Molecular Weight	Viscosity (mPa-s at 25°C)	EO addition	Unsaturation (meq/g)
PREMINOL™ 5001F	2	25.5 - 30.5	4,000	950	Yes	≤ 0.030
PREMINOL™ S 4008F	2	13.0 - 15.0	8,000	3,000	No	≤ 0.010
PREMINOL™ S 4013F	2	8.8 - 10.3	12,000	7,000	No	≤ 0.010
PREMINOL™ S 4318F	2	5.7 - 6.7	18,000	20,000	No	≤ 0.010
PREMINOL™ 7001K	3	25.6 - 30.4	6,000	1,400	Yes	≤ 0.030
PREMINOL™ S 3011	3	15.8 - 17.8	10,000	3,000	No	≤ 0.010
PREMINOL™ 7012	3	15.0 - 18.0	10,000	3,000	Yes	≤ 0.030
PREMINOL™ S 3015	3	10.5 - 12.5	15,000	6,500	No	≤ 0.010
PREMINOL™ S 6075	6	42.0 - 48.0	7,500	1,200	No	≤ 0.010
PREMINOL™ S 6420	6	7.0 - 9.5	42,000	20,000	No	≤ 0.010

Grades listed above are those marketed and sold in the US. Other grades are available upon request. The physical properties shown above are typical values and should not be construed as specifications. AGC reserves the right to revise its product range at any time without prior notice.

Selection Guide for using PREMINOL to make Silane Terminated Hybrid Polymers (STP)

Target Performance	Recommended Products
High flexibility	S 4013F, S 4318F
High strength	S 3011, S 3015, 7001K*, 7012*
High modulus, fast curability	S 6075, S 6420

* EO capped grades enable shorter production time due to high reactivity with isocyanate silane.



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