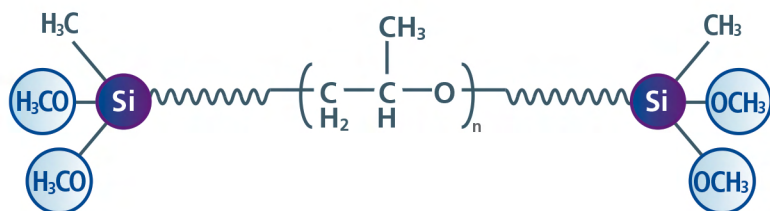


EXCESTAR™

Silane Modified Polyether



EXCESTAR™ is a family of moisture curable silane terminated polyether polymers used in construction sealants and elastic adhesives offering high elongation with low viscosity.



Typical Properties of EXCESTAR™

Product	Polymer Structure	Molecular Weight	Viscosity (mPa-s at 25°C)	Characteristics
EXCESTAR™ S2410E	Linear	17,000	11,000 - 20,000	Low Modulus, High Elongation
EXCESTAR™ S2420E	Linear	17,000	12,000 - 23,000	Medium Modulus
EXCESTAR™ S888E	Linear	23,000	17,000 - 28,000	Medium Modulus, High Elongation
EXCESTAR™ S6250E	Branched	15,000	2,500 - 4,900	High Modulus, Low Viscosity
EXCESTAR™ S3430E	Branched	17,000	6,000 - 13,000	High Modulus, Low Viscosity
EXCESTAR™ S3630E	Branched	20,000	14,000 - 22,000	High Modulus, Good Elongation

- pH range is 5 – 10; Density is ~1.0 g/cm³ at 25°C
- * Grades listed above are those marketed and sold in the US. Other grades are available upon request.
- * The values shown above are typical values, not guaranteed values
- * AGC reserves the right to revise its product range at any time without prior notice.

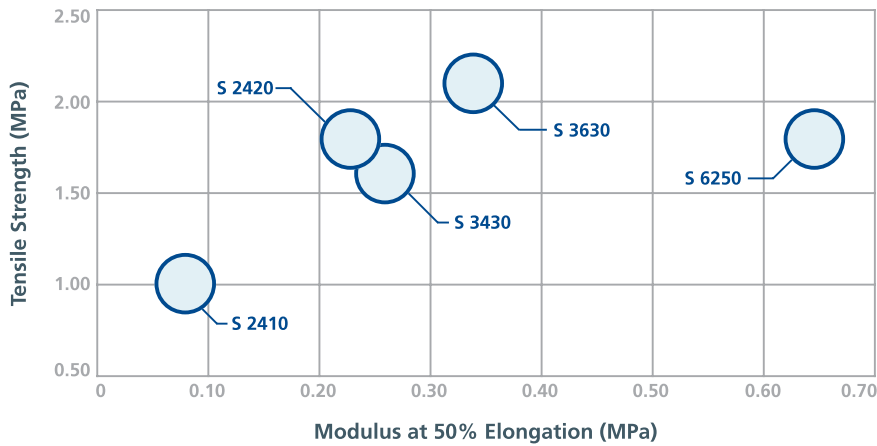
Performance Advantages

- Environmentally friendly / safe
- Long-lasting elasticity
- Good adhesion, weatherability and paintability
- Non-staining
- Processability

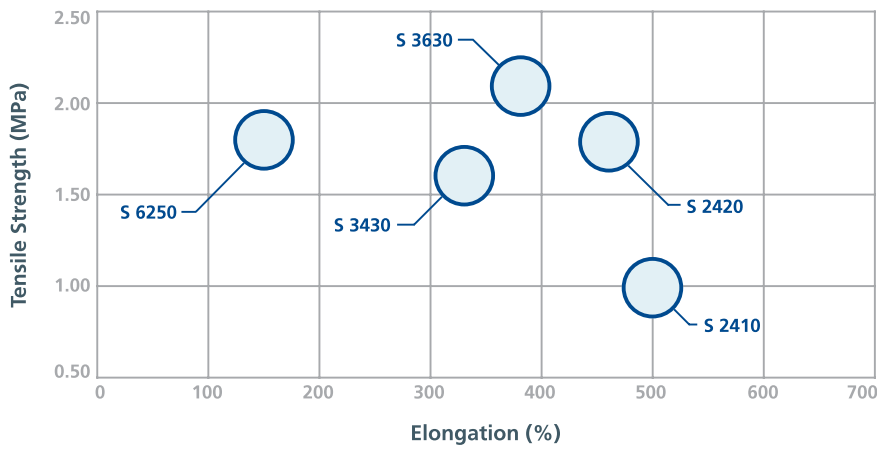


Physical Properties

Strength vs. Modulus



Strength vs. Elongation



Model formulation used in the study: polymer/plasticizer/filler/others: 25%/21%/50%/4%
Curing condition: 23°C/50% RH for 21 days
Test: ASTM D-412



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Visit our website for compliance information and industry certifications.

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