

SPUR+™ 1060 Prepolymer

Description

SPUR+ 1060 prepolymer is a plasticizer-free, ethoxysilane-modified resin used in the manufacture of one-part moisture-curing adhesives and sealants. It is an excellent material of choice as a base resin for medium modulus adhesives and sealants that serve a range of applications, particularly where HAPs emissions are a significant factor.

Performance Properties (Key Features/Typical Benefits)

- Broad formulation latitude
- Excellent adhesion to many substrates
- High durability indoors and outdoors
- Good water and chemical resistance
- High elastic recovery

Silane-terminated polyurethanes (SPUR+ prepolymers) have become increasingly attractive to manufacturers of adhesives, sealants and coatings. SPUR+ 1060 prepolymer's hybrid technology combines the advantages of a silane-curing mechanism and a polyurethane backbone, allowing sealant and adhesive formulations to offer room-temperature cure and good durability, without the liberation of methanol or a dependence on an isocyanate cure.

Typical Physical Properties

| Property | Value |
|--------------------------------|-----------------------|
| Viscosity, 25 °C | 13,000 – 20,000 mPa.s |
| Appearance, 25 °C | Clear |
| Hardness Shore A after 7d cure | ~ 34 |

Modulus at 50% ex (MPa)

~ 0.5 – 0.6

Typical properties are average data and are not to be used as or to develop specifications.

Patent Status

여기에 포함된 어떠한 내용도 관련 특허가 없음을 의미하거나 특허 소유자의 허가 없이 특허에서 다루는 발명을 실행하기 위한 허가, 유도 또는 권고를 구성하는 것으로 해석되어서는 안됩니다.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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