

Shin-Etsu Silicones KE-571U Silicone Elastomer

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber

Material Notes:

KE571U is one of a series of easy processing, general purpose grade silicone rubber bases. It can be used in a variety of applications requiring finishing by molding or extruding with extending filler. Product Features: This product can be blended with KE541U, KE551U, KE561U, and KE581U for intermediate hardnesses. The choice between these bases will depend on specific requirements. Typical Applications: Roll covers. Diaphragms. O-rings and gaskets. Information Provided by Shin-Etsu Silicones of America, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-KE-571U-Silicone-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	DCBP Cure
	1.22 g/cc	1.22 g/cc	DBPH Cure

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	69	69	DCBP Cure
	70	70	DBPH Cure
Tensile Strength at Break	10.80 MPa	1567 psi	DBPH Cure
	11.20 MPa	1625 psi	DCBP Cure
Elongation at Break	370 %	370 %	DCBP Cure
	440 %	440 %	DBPH Cure
Tear Strength	11.2 kN/m	64.0 pli	Die B; DCBP Cure
	17.0 kN/m	97.0 pli	Die B; DBPH Cure
Compression Set	24 %	24 %	DCBP Cure
	@Temperature 150 Å°C, Time 79200 sec	@Temperature 302 Å°F, Time 22.0 hour	

Descriptive Properties	Value	Comments
Cure Agent	DBPH	
	DCBP	
Cure Type	Post Cure	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China