

Shin-Etsu Elastomer KE-971U

Silicone Rubber, HTV

Shin-Etsu Silicones of America

Message:

KE-971U is one of a series of easy processing, general purpose silicone rubber bases. It can be used in a variety of applications requiring finishing by molding (compression,injection,transfer).
Rubber contacts.
Industrial packing.
Diaphragms.

General Information		
Features	Workability, good	
	General	
Uses	Diaphragm	
	Industrial application	
	General	
Processing Method	Resin transfer molding	
	Compression molding	
	Injection molding	
Physical	Nominal Value	Unit
Specific Gravity	1.30	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness	70	
Elastomers	Nominal Value	Unit
Tensile Strength	6.86	MPa
Tensile Elongation (Break)	200	%
Tear Strength ¹	13.1	kN/m
Compression Set (149°C, 22 hr)	9.0	%
Thermoset	Nominal Value	Unit
Post Cure Time (200°C)	4.0	hr
Additional Information	Nominal Value	Unit
Cure Agent	DBPH	
Press / Post Cure: Post		
NOTE		
1.	B mould	

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