

Shin-Etsu Elastomer KE-931U

Silicone Rubber, HTV

Shin-Etsu Silicones of America

Message:

KE-931 U 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).

Typical Applications

Rubber contacts.

Food packing.

Industrial packing.

Diaphragms.

General Information	
Features	Workability, good
	General
Uses	Diaphragm
	Industrial application
	Food packaging
	General
Processing Method	Resin transfer molding
	Compression molding
	Injection molding

Physical	Nominal Value	Unit
Specific Gravity	1.08	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness	30	
Elastomers	Nominal Value	Unit
Tensile Strength	5.38	MPa
Tensile Elongation (Break)	570	%
Tear Strength ¹	9.81	kN/m
Compression Set (180°C, 22 hr)	15	%
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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