

Shin-Etsu Elastomer KE-9710U

Silicone Rubber, HTV

Shin-Etsu Silicones of America

Message:

KE-9710 U is one of a series of easy processing, general purpose silicone rubber base with low volatile content. It can be used in a variety of applications requiring finishing by molding, extruding or calendering.

Typical Applications

Rubber contacts.

Food packing.

Industrial packing.

Diaphragms

General Information		
Features	Low VOC	
	Workability, good	
	General	
Uses	Diaphragm	
	Industrial application	
	Food packaging	
	General	
Processing Method	Extrusion	
	Calendering	
	Injection molding	
Physical	Nominal Value	Unit
Specific Gravity	1.30	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness	71	
Elastomers	Nominal Value	Unit
Tensile Strength	7.62	MPa
Tensile Elongation (Break)	220	%
Tear Strength ¹	13.7	kN/m
Compression Set (149°C, 22 hr)	7.0	%
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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