

# Shin-Etsu Elastomer KE-9510U

Silicone Rubber, HTV

Shin-Etsu Silicones of America

Message:

KE-9510U 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	1.15	g/cm <sup>3</sup>
Hardness	Nominal Value	Unit
Durometer Hardness	50	
Elastomers	Nominal Value	Unit
Tensile Strength	8.83	MPa
Tensile Elongation (Break)	350	%
Tear Strength <sup>1</sup>	12.6	kN/m
Compression Set (149°C, 22 hr)	10	%
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	
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1. B mould

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