

Shin-Etsu Elastomer KE-551U

Silicone Rubber, HTV

Shin-Etsu Silicones of America

Message:

KE-551U 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.

This product can be blended with KE-541U, KE-561U, KE-571U, and KE-581U for intermediate hardnesses. The choice between these bases will depend on specific requirements.

Typical Applications

Roll covers.

Diaphragms.

O-rings and gaskets.

General Information		
Features	Workability, good	
	General	
Uses	Washer	
	Diaphragm	
	General	
Processing Method	Extrusion	
	Injection molding	
Physical	Nominal Value	Unit
Specific Gravity	1.14	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness	50	
Elastomers	Nominal Value	Unit
Tensile Strength	11.2	MPa
Tensile Elongation (Break)	520	%
Tear Strength ¹	15.9	kN/m
Compression Set (150°C, 22 hr)	24	%
Additional Information	Nominal Value	
Cure Agent	DCBP	
Press / Post Cure: Post		
NOTE		
1.	B mould	

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