

Shin-Etsu Elastomer KE-5550U

Silicone Rubber, HTV

Shin-Etsu Silicones of America

Message:

Shin-Etsu KE-5550 U is a nominal 50 durometer phenyl (PVMQ) base.

This material was designed for its excellent vibration dampening characteristics. Because of its phenyl content, it also has excellent low temperature characteristics.

Typical Applications

Electronic CD mounts.

Motor and engine mounts

General Information		
Features	Shock absorption	
	Low temperature resistance	
Uses	Electrical components	
	Application in Automobile Field	
Physical	Nominal Value	Unit
Specific Gravity	1.23	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness	50	
Elastomers	Nominal Value	Unit
Tensile Strength	9.80	MPa
Tensile Elongation (Break)	750	%
Tear Strength ¹	21.9	kN/m
Compression Set (180°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-50	
Press / Post Cure: Post		
NOTE		
1.	B mould	

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