

# Shin-Etsu Elastomer KE-5551U

Silicone Rubber, HTV

Shin-Etsu Silicones of America

Message:

Shin-Etsu KE-5551 U is a nominal 50 durometer base which offers high tensile and tear strengths. Its excellent processing characteristics make it suitable for molding, extrusion and calendaring  
Minimum tear strength 168 ppi.  
Translucent.  
Typical Applications  
Gaskets.  
Diaphragms.  
Hose Stock.

General Information		
Features	High tensile strength	
	Workability, good	
	Good tear strength	
Uses	Washer	
	Diaphragm	
	Pipe	
Appearance	Translucent	
Processing Method	Extrusion	
	Calendering	
	Injection molding	
Physical	Nominal Value	Unit
Specific Gravity	1.17	g/cm <sup>3</sup>
Hardness	Nominal Value	Unit
Durometer Hardness	50	
Elastomers	Nominal Value	Unit
Tensile Strength	11.2	MPa
Tensile Elongation (Break)	890	%
Tear Strength <sup>1</sup>	36.3	kN/m
Compression Set (177°C, 22 hr)	46	%
Additional Information	Nominal Value	
Cure Agent	DCBP	
Press / Post Cure: Press		
NOTE		

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