

SE5569U

Heat Curable Rubber

Product Description

SE5569U is a 55 durometer, silicone elastomer with both self-extinguishing and low temperature performance. It may be considered for use in producing elastomeric seals and molded rubber items used in aviation interiors.

Key Features and Typical Benefits

- Easily pigmentable
- SE5569U heat curable rubber meets the requirements for smoke density and toxicity when tested per the guidelines of BSS7239
- Meets the requirements of BMS 1-72 rev B

Typical Physical Properties

Properties of the Uncured Compound	SE5569U
Specific Gravity	1.22 ± 0.03
Appearance	Off-white
Polymer Classification (ASTM D-1418)	PVMQ

Typical Properties of the Vulcanized Rubber:			SE5569U
Curing Agent: Perkadox® PD-50S [2,4-Di-ChloroBenzoyl Peroxide]			
Press Cure: 10 min. at 127 °C (261 °F)			
Post cure: 2 hrs at 200 °C (392 °F)			
Curing Agent Level: 1.6 parts/100 parts compound			
Hardness	ASTM D2240	Shore A	55
Tensile Strength	ASTM D 412	PSI	1150
Elongation at Break	ASTM D 412	%	600
Tear Strength	ASTM D 624 die B	PPI	195
Tension Set	ASTM D 412	%	10
TR-10	ASTM D 1329	° F	-72
Comp. set 70 h at 100 °C (212 °F)	ASTM D 395	%	15
Vertical Burn		Glow time < 15 sec Char length < 4 in	Pass

Typical properties are average data and are not to be used as or to develop specifications.

Packaging

SE5569U heat curable rubber is currently available in 50 lb cardboard boxes.

Patent Status

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Product Safety, Handling and Storage

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Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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