

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

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

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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