

Momentive Performance Materials TUFEL II 94705 Low Volatile Extrusion Heat Cured Rubber

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber

Material Notes:

Heat cured rubber is a high consistency product that can be molded, extruded or calendered using conventional rubber processing equipment to meet a wide range of cost, durability and performance standards. TUFEL II Low Volatile 94705 is a member of the Addition Curing Portfolio. It is a platinum (addition/heat) curable, one-part compound. This product has been optimized for molding processes and is intended for application in the Healthcare industry.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-TUFEL-II-94705-Low-Volatile-Extrusion-Heat-Cured-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74	74	
Tensile Strength	9.20 MPa	1330 psi	
Elongation at Break	580 %	580 %	
Tear Strength	57.0 kN/m	325 pli	Die B

Optical Properties	Metric	English	Comments
Transmission, Visible	20 %	20 %	translucent; thickness unknown

Compliance Properties	Metric	English	Comments
FDA	Yes	Yes	FDA Indirect food contact - Rubber articles intended for repeated use - FDA Reg 21CFR177.2600
USP Class VI	Yes	Yes	USP Class VI methods: Intramuscular implantation, intracutaneous injection, & systematic injection

Descriptive Properties	Value	Comments
Appearance	Translucent	
BfR	product is compositionally compliant	Recommendation XV Silicones; post cured (4h/200°C)

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