

Momentive Performance Materials Addisil[®] 452 E Healthcare Extrusion Grade 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. Addisil 452 E is a member of the Addisil Addition Curing Portfolio. It is a platinum (addition/heat) curable, two-part system with a mixing ratio of A:B 1:1. This grade is suitable for extrusion and intended for application in the Healthcare industry.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-Addisil-452-E-Healthcare-Extrusion-Grade-Heat-Cured-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	
Tensile Strength	11.5 MPa	1670 psi	
Elongation at Break	800 %	800 %	
Tear Strength	43.0 kN/m	245 pli	Die B

Optical Properties	Metric	English	Comments
Transmission, Visible	80 %	80 %	transparent; thickness unknown

Compliance Properties	Metric	English	Comments
FDA	Yes	Yes	FDA Indirect food contact - Rubber articles intended for repeated use - FDA Reg 21CFR177.2600

Descriptive Properties	Value	Comments
Appearance	Transparent	
BfR	product is compositionally compliant	Recommendation XV Silicones; post cured (4h/200Â°C)
ISO10993	yes	7 ISO 10993 tests applicable to "wet" chemicals

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