Saint-Gobain Lo-Skid® LS7000/LS7100 Series High Density Bumper and Footpad Urethane Foam

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Unreinforced

Material Notes:

Description: Lo-Skid™ LS7000 and LS7100 (acrylic adhesive on one side) urethane foam products are widely recommended for bumpers and footpads for applications and electronic products because it provides a high coefficient of surface friction combined with a smooth non-marring surface. Lo-Skid is flexible and can be die-cut to the required size and shape. Features/Benefits: High coefficient of friction; Abrasion resistance; Flexible and conformable; High durometer - will withstand heavy loads; Smooth, non-marring surface; Thicknesses from 16 mils to 125 mils. Typical Applications: Foot pads and bumpers for business machines, housewares, industrial equipment, electronics.Information provided by Saint Gobain Performance Products.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Saint-Gobain-Lo-Skid-LS7000LS7100-Series-High-Density-Bumper-and-Footpad-Urethane-Foam.php

Physical Properties	Metric	English	Comments
Density	0.637 g/cc	0.0230 lb/in³	ASTM D1667

Mechanical Properties	Metric	English	Comments
Hardness, Shore O	65	65	ASTM D2240
Tensile Strength, Yield	3.07 MPa	445 psi	ASTM D3574
Elongation at Break	300 %	300 %	ASTM D3574
Tensile Modulus	0.00172 GPa	0.250 ksi	ASTM D3574
Compressive Strength	0.448 MPa	65.0 psi	Compression Deflection, Value given for 12.7 mm/min, 25% deflection.; ASTM D3574 Test C
Compressive Modulus	0.000758 GPa	0.110 ksi	Force to Compress, Value given for 25% compression; ASTM D1667
Coefficient of Friction, Dynamic	1.4	1.4	ASTM D4518
Tear Strength	10.5 kN/m	60.0 pli	Initial Tear Strength; ASTM D624 Die C
Compression Set	<= 5.0 %	<= 5.0 %	Constant Deflection at 73°F; ASTM D 3574 Test D
	<= 35 % @Temperature 70.0 °C	<= 35 % @Temperature 158 °F	Constant Deflection; ASTM D 3574 Test D

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	70.0 °C	158 °F	Constant use

Thermal Properties	Metric	English	Comments
	121 °C	250 °F	Annealed

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