Mearthane Durethaneâ„¢ M DM-630A Foam Polyurethane

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Unreinforced , Rubber or Thermoset Elastomer (TSE)

Material Notes:

MDI backbone: ester.Shore 00 Hardness: 75Summary: Durethane M is a flexible, microcellular, open cell and closed cell urethane foam. Because it is mechanically mixed, the cell size is uniform. Durethane M is very economical, and has excellent resistance to compression set. It can be formulated to form an integral skin.Applications: The compression set resistance of Durethane M makes it an effective material for applications with repeated compression cycles, such as actuator pads on postal meters and idler belts.Conductivity: All Durethane elastomers can be formulated to be electrically conductive, for applications involving electrostatic dissipation (ESD). Mearthane's proprietary conductivity process does not comprise the material performance specification of the urethane.Information provided by Mearthane Products Corporation.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Mearthane-Durethane-M-DM-630A-Foam-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	0.480 g/cc	0.0173 lb/inÂ³	ASTM D3574A

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	30	30	ASTM D2240
Tensile Strength, Ultimate	48.6 MPa	7050 psi	ASTM D3574E
Elongation at Break	525 %	525 %	ASTM 3457E
100% Modulus	0.00100 GPa	0.145 ksi	ASTM D3574E
200% Modulus	0.00117 GPa	0.170 ksi	ASTM D3574E
300% Modulus	0.00190 GPa	0.276 ksi	ASTM D3574E
Compressive Yield Strength	0.240 MPa	34.8 psi	at 10% deflection; ASTM D3574C
	0.410 MPa	59.5 psi	at 20% deflection; ASTM D3574C
	0.660 MPa	95.7 psi	at 30% deflection; ASTM D3574C
Resilience	33	33	Bashore Rebound; ASTM 2632D
Tear Strength Test	80	80	lb; Die C; ASTM 3457F

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842

Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China