

Asahi Kasei Xyron® 450H Modified Polyphenylene Ether

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO

Material Notes:

Applications: Automotive: Door Handles, Fuse Carriers, Fuse Box Covers, Interior Electrical Outlets, Interior Plugs/Switches, Interior High Precision Parts Electrical and Industrial: Pool and Spa Parts, Impellers, Valve Bodies, Electrical Base Pans, Fuse Box Components, Control Boxes, Electrical Boxes, Battery Cases

Information provided by Asahi Kasei

Order this product through the following link:

http://www.lookpolymers.com/polymer_Asahi-Kasei-Xyron-450H-Modified-Polyphenylene-Ether.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	23°C

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.0 MPa	6960 psi	
Flexural Modulus	2.30 GPa	334 ksi	
Izod Impact, Notched	2.10 J/cm	3.93 ft-lb/in	ASTM 3.2mm

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.9	2.9	50% RH
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

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