

ExxonMobil Iotek® 8020 Sodium Ionomer Molding/Extrusion Resin (discontinued **)

Category : Polymer , Thermoplastic , Ionomer , Ionomer, Molded

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A sodium ionomer with excellent abrasion resistance, impact strength, hardness and tensile strength. IOTEK ionomers provide superb low temperature impact strength when blended with other polymers. Applications: Golf ball covers; Shoe heel counters/stiffeners; Bowling pins; Auto rub strips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Iotek-8020-Sodium-Ionomer-MoldingExtrusion-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.956 g/cc	0.0345 lb/in ³	Exxon Method
Melt Flow	1.6 g/10 min	1.6 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ASTM D2240
Tensile Strength, Ultimate	32.0 MPa	4640 psi	ASTM D638
Elongation at Break	380 %	380 %	ASTM D638
Flexural Modulus	0.340 GPa	49.3 ksi	ASTM D790
Tensile Impact Strength	550 kJ/m ²	262 ft-lb/in ²	23°C; ASTM D-1822

Thermal Properties	Metric	English	Comments
Melting Point	84.0 °C	183 °F	Exxon Method
Vicat Softening Point	54.0 °C	129 °F	Rate B; ASTM D-1525

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