

ExxonMobil Iotek® 7610 Zinc Ionomer (discontinued **)

Category : Polymer , Thermoplastic , Ionomer , Ionomer, Molded

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A low melt index zinc ionomer made from an ethylene acrylic acid base polymer. It is designed to have high durability, resilience and impact strength. Applications: Injection molding; Sheet extrusion.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Iotek-7610-Zinc-Ionomer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.964 g/cc	0.0348 lb/in³	Exxon Method
Melt Flow	0.90 g/10 min	0.90 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	51	51	ASTM D2240
Tensile Strength, Ultimate	24.0 MPa	3480 psi	ASTM D638
Elongation at Break	470 %	470 %	ASTM D638
Flexural Modulus	0.150 GPa	21.8 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	86.0 °C	187 °F	Exxon Method
Vicat Softening Point	61.0 °C	142 °F	Rate B; ASTM D-1525

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