

ExxonMobil Iotek® 7010 Zinc Ionomer Molding/Extrusion Resin (discontinued **)

Category : Polymer , Thermoplastic , Ionomer , Ionomer, Molded

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A zinc ionomer with excellent flexibility, abrasion resistance, impact strength and tensile strength. This ionomer has outstanding adhesion to glass, metals and paper. Applications: Golf ball covers; Injection molded articles; Foams; Impact modifiers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Iotek-7010-Zinc-Ionomer-MoldingExtrusion-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.968 g/cc	0.0350 lb/in ³	Exxon Method
Melt Flow	0.80 g/10 min	0.80 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	54	54	ASTM D2240
Tensile Strength, Ultimate	25.0 MPa	3630 psi	ASTM D638
Elongation at Break	440 %	440 %	ASTM D638
Flexural Modulus	0.190 GPa	27.6 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	83.0 °C	181 °F	Exxon Method
Vicat Softening Point	60.0 °C	140 °F	Rate B; ASTM D-1525

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