

ExxonMobil Iotek® 7510 Zinc Ionomer Molding/Extrusion Resin (discontinued **)

Category : Polymer , Thermoplastic , Ionomer , Ionomer, Molded

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A "soft" zinc ionomer with excellent flexibility and impact strength. This ionomer has outstanding adhesion to glass, metals and paper. IOTEK ionomers provide superb low temperature impact strength when blended with other polymers. Applications: Golf ball covers; Injection molded articles; Impact modifiers; Flexible tubings.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Iotek-7510-Zinc-Ionomer-MoldingExtrusion-Resin-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------------|---------------------------|--------------|
| Density | 0.970 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 | 35 | 35 | ASTM D2240 |
| Tensile Strength, Ultimate | 15.0 MPa | 2180 psi | ASTM D638 |
| Elongation at Break | 570 % | 570 % | ASTM D638 |
| Flexural Modulus | 0.0350 GPa | 5.08 ksi | ASTM D790 |
| Tensile Impact Strength | 950 kJ/m ² | 452 ft-lb/in ² | 23°C; ASTM D-1822 |

| Thermal Properties | Metric | English | Comments |
|-----------------------|---------|---------|---------------------|
| Melting Point | 67.0 °C | 153 °F | Exxon Method |
| Vicat Softening Point | 40.0 °C | 104 °F | Rate B; ASTM D-1525 |

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