

## ExxonMobil Iotek® 8610 Sodium Ionomer (discontinued \*\*)

Category : Polymer , Thermoplastic , Ionomer , Ionomer, Molded

### Material Notes:

Data provided by the manufacturer, Exxon Chemical. A low melt index sodium 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-8610-Sodium-Ionomer-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-Iotek-8610-Sodium-Ionomer-nbspdiscontinued-.php)

| Physical Properties | Metric       | English                   | Comments     |
|---------------------|--------------|---------------------------|--------------|
| Density             | 0.951 g/cc   | 0.0344 lb/in <sup>3</sup> | Exxon Method |
| Melt Flow           | 1.3 g/10 min | 1.3 g/10 min              | Exxon Method |

| Mechanical Properties      | Metric    | English  | Comments   |
|----------------------------|-----------|----------|------------|
| Hardness, Shore D          | 58        | 58       | ASTM D2240 |
| Tensile Strength, Ultimate | 34.0 MPa  | 4930 psi | ASTM D638  |
| Elongation at Break        | 420 %     | 420 %    | ASTM D638  |
| Flexural Modulus           | 0.290 GPa | 42.1 ksi | ASTM D790  |

| Thermal Properties    | Metric  | English | Comments            |
|-----------------------|---------|---------|---------------------|
| Melting Point         | 86.0 °C | 187 °F  | Exxon Method        |
| Vicat Softening Point | 57.0 °C | 135 °F  | Rate B; ASTM D-1525 |

## Contact Songhan Plastic Technology Co.,Ltd.

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