

## E-Polymers EFLEX® I2040 Ionomer

Category : Polymer , Thermoplastic , Ionomer

**Material Notes:**

I-series (Ionomer): E-FLEX Ionomer is a family of ethylene acrylic acid (E/AA) copolymers, in which part of the acrylic acid is neutralized with metal ions such as zinc (Zn) or sodium (Na) or magnesium (Mg). E-FLEX Ionomer resins deliver impact toughness, abrasion resistance and chemical resistance in a variety of consumer and industrial products. E-FLEX Ionomer can be used in packaging, molded consumer goods, sports goods, and polymer modification. Information Provided by E-Polymers Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_E-Polymers-EFLEX-I2040-Ionomer.php](http://www.lookpolymers.com/polymer_E-Polymers-EFLEX-I2040-Ionomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	ASTM D792
Melt Flow	2.8 g/10 min	2.8 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	59	59	ASTM D2240
Tensile Strength	31.00 MPa	4496 psi	ASTM D882
Elongation at Break	400 %	400 %	ASTM D882

Descriptive Properties	Value	Comments
Metal Cation	Na	

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