

Huntsman PE2030 Injection Molding Polyethylene (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

Homopolymer, Drug Master File listed product, and FDA compliant. Features: High mechanical flexing properties, excellent processability, good stress crack resistance, and very good low temperature strength. Applications: Injection molding: industrial parts, electrical components, shoe parts, housewares, and hinged closures. FDA Notes: Conforms to FDA regulation 21 CFR 177.1520 (c)2.2 under condition of use B through H described in Table 2 of 21 CFR 176.170. Information provided by Huntsman Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Huntsman-PE2030-Injection-Molding-Polyethylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.919 g/cc	0.0332 lb/in ³	ASTM D1505
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	48	48	ASTM D2240
Tensile Strength, Ultimate	11.0 MPa	1600 psi	ASTM D638
Tensile Strength, Yield	10.0 MPa	1450 psi	ASTM D638
Elongation at Break	400 %	400 %	ASTM D638
Modulus of Elasticity	0.228 GPa	33.1 ksi	Secant; ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	90.0 °C	194 °F	ASTM D1525

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