

Huntsman PE2050 Injection Molding Polyethylene (discontinued **)

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

Material Notes:

Homopolymer and FDA compliant. Features: High flow characteristics, good gloss, and processability. Applications: Injection molding: large moldings including housewares and toys. 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-PE2050-Injection-Molding-Polyethylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in ³	ASTM D1505
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	54	54	ASTM D2240
Tensile Strength, Ultimate	8.00 MPa	1160 psi	ASTM D638
Tensile Strength, Yield	10.0 MPa	1450 psi	ASTM D638
Elongation at Break	75 %	75 %	ASTM D638
Modulus of Elasticity	0.310 GPa	45.0 ksi	Secant; ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	89.0 °C	192 °F	ASTM D1525

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