

Huntsman PE2018 Injection Molding Polyethylene (discontinued **)

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

Material Notes:

Homopolymer and FDA compliant
Features: Good toughness and machinability
Applications: Injection molding: closures and small items.
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-PE2018-Injection-Molding-Polyethylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ASTM D1505
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	ASTM D2240
Tensile Strength, Ultimate	12.0 MPa	1740 psi	ASTM D638
Tensile Strength, Yield	10.0 MPa	1450 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Modulus of Elasticity	0.221 GPa	32.1 ksi	Secant; ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	91.0 °C	196 °F	ASTM D1525

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