

Reliance Industries Reclair F22020 Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Injection Molded

Material Notes:

Butene comonomer based Linear Low Density Polyethylene blow film grade. Reclair F22020 has optimum levels of antioxidants, antiblocking agents, and slip additives. Applications: general purpose, and blending with LDPE. Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Reclair-F22020-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	ASTM D1505
Melt Flow	1.7 g/10 min @Load 2.16 kg	1.7 g/10 min @Load 4.76 lb	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	12.0 MPa	1740 psi	ASTM D882
Film Tensile Strength at Yield, TD	11.5 MPa	1670 psi	ASTM D882
Film Elongation at Break, MD	700 %	700 %	ASTM D882
Film Elongation at Break, TD	800 %	800 %	ASTM D882
Coefficient of Friction, Dynamic	0.16	0.16	ASTM D1894
Coefficient of Friction, Static	0.23	0.23	ASTM D1894
Elmendorf Tear Strength, MD	2.40 g/micron	61.0 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	7.40 g/micron	188 g/mil	ASTM D1922
Dart Drop	3.00 g/micron	76.2 g/mil	F ₅₀ , 38mm dart 66mm height; ASTM D1709
Film Tensile Strength at Break, MD	28.0 MPa	4060 psi	ASTM D882
Film Tensile Strength at Break, TD	25.0 MPa	3630 psi	ASTM D882

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