

Reliance Industries Reclair M24300 Polyethylene

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

Material Notes:

High flow Linear Low Density Polyethylene grade. Reclair M24300 is butene comonomer based, with optimum levels of antioxidants. Characteristics: narrow molecular weight distribution, good fluidity, excellent processability, excellent flexibility, low warpage. Applications: recommended for preparing master batches, injection molding lids, containers, housewares, and general purpose articles. Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Reclair-M24300-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	3.0 hour	3.0 hour	F₀; ASTM D1693/B
Melt Flow	30 g/10 min @Load 2.16 kg	30 g/10 min @Load 4.76 lb	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	10.5 MPa	1520 psi	ASTM D638
Elongation at Break	700 %	700 %	ASTM D638
Flexural Modulus	0.325 GPa	47.1 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Softening Point	95.0 °C	203 °F	ASTM D1525

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