

Braskem F0421D Blown Film Extrusion Low Density Polyethylene

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

Material Notes:

Shrink films; Automatic packaging of liquid products (FFS). Additives: Antiblock, D Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-F0421D-Blown-Film-Extrusion-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.921 g/cc	0.921 g/cc	ASTM D1505/D792
Thickness	25.0 microns	0.984 mil	
Melt Flow	0.38 g/10 min @Load 2.16 kg, Temperature 190 °C	0.38 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	260 %	260 %	ASTM D882
Film Elongation at Break, TD	960 %	960 %	ASTM D882
Elmendorf Tear Strength TD	140 g	140 g	gF; ASTM D1922
Dart Drop Test	120 g	0.265 lb	gF/50%f; ASTM D1709
Film Tensile Strength at Break, MD	30.0 MPa	4350 psi	ASTM D882
Film Tensile Strength at Break, TD	20.0 MPa	2900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	15 % @Thickness 0.0250 mm	15 % @Thickness 0.000984 in	ASTM D1003
Gloss	65 % @Thickness 0.0250 mm	65 % @Thickness 0.000984 in	60°; ASTM D2457

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