

Braskem CX7020 Cast Film Extrusion Low Density Polyethylene

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

Material Notes:

Smooth or embossed films for diapers, disposable sheets, etc. Films for lamination, Injection-Blow Molding, Foamed applications. Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-CX7020-Cast-Film-Extrusion-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.922 g/cc	0.922 g/cc	ASTM D1505/D792
Thickness	50.0 microns	1.97 mil	
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	350 %	350 %	ASTM D882
Film Elongation at Break, TD	650 %	650 %	ASTM D882
2% Secant Modulus	0.130 GPa	18.9 ksi	MD; ASTM D882
	0.140 GPa	20.3 ksi	TD; ASTM D882
Elmendorf Tear Strength MD	410 g	410 g	gF; ASTM D1922
Elmendorf Tear Strength TD	280 g	280 g	gF; ASTM D1922
Dart Drop Test	120 g	0.265 lb	g/F50; ASTM D1709
Film Tensile Strength at Break, MD	22.0 MPa	3190 psi	ASTM D882
Film Tensile Strength at Break, TD	20.0 MPa	2900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	8.0 % @Thickness 0.500 mm	8.0 % @Thickness 0.0197 in	ASTM D1003
Gloss	100 % @Thickness 0.500 mm	100 % @Thickness 0.0197 in	60°; ASTM D2457

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