

## Braskem CX7020 LDPE Cast Film Extrusion Polyethylene

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

### Material Notes:

CX7020 is a low-density polyethylene (LDPE) with excellent processability and low gel content. Those features allow for production of thin and highly uniform films. This product is identified as PE 113 according to ASTM D-4976-04a standard specification. It does not contain additives. Its applications include: smooth or embossed films for diapers, disposable sheets, etc.; films for lamination; injection-blow molding; and foamed applications. Recommended processing conditions for film extrusion are about 145 - 190 °C.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-CX7020-LDPE-Cast-Film-Extrusion-Polyethylene.php](http://www.lookpolymers.com/polymer_Braskem-CX7020-LDPE-Cast-Film-Extrusion-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in <sup>3</sup>	ASTM-D792
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
Secant Modulus, MD	0.130 GPa	18.9 ksi	2% Secant Modulus; ASTM-D882
Secant Modulus, TD	0.140 GPa	20.3 ksi	2% Secant Modulus; ASTM-D882
Elmendorf Tear Strength MD	410 g	410 g	ASTM-D1922
Elmendorf Tear Strength TD	280 g	280 g	ASTM-D1922
Elmendorf Tear Strength, MD	8.20 g/micron	208 g/mil	ASTM-D1922
Elmendorf Tear Strength, TD	5.60 g/micron	142 g/mil	ASTM-D1922
Dart Drop	2.40 g/micron	61.0 g/mil	ASTM-D1709
Dart Drop Test	120 g	0.265 lb	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	7.5 %	7.5 %	ASTM-D1003
Gloss	65 %	65 %	Angle 45°; ASTM-D2457

Optical Properties	Metric	English	Comments
	100 %	100 %	Angle 60°, ASTM-D2457

Processing Properties	Metric	English	Comments
Die Opening	0.100 cm	0.0394 in	Cast Film Extrusion
Blow-up Ratio (BUR)	2.0 - 3.0	2.0 - 3.0	Cast Film Extrusion

Descriptive Properties	Value	Comments
Mass Temperature (°C)	190	Cast Film Extrusion
Temperature Profile (°C)	145-190	Cast Film Extrusion

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China