

## Braskem TS9022 Blown Film Extrusion Low Density Polyethylene

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

### Material Notes:

Films for automatic overwrap packaging of hygiene markets. Typical applications are toilet tissue, kitchen paper and napkin (paper product) overwrap. Films which require good optical properties aligned with high stiffness. Additives: Antiblock, DInformation provided by Braskem.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-TS9022-Blown-Film-Extrusion-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Braskem-TS9022-Blown-Film-Extrusion-Low-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.931 g/cc	0.931 g/cc	ASTM D1505/D792
Thickness	50.0 microns	1.97 mil	
Melt Flow	2.2 g/10 min @Load 2.16 kg, Temperature 190 °C	2.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	400 %	400 %	ASTM D882
Film Elongation at Break, TD	670 %	670 %	ASTM D882
2% Secant Modulus	0.170 GPa	24.7 ksi	TD; ASTM D882
	0.190 GPa	27.6 ksi	MD; ASTM D882
Elmendorf Tear Strength MD	280 g	280 g	gF; ASTM D1922
Elmendorf Tear Strength TD	380 g	380 g	gF; ASTM D1922
Dart Drop Test	120 g	0.265 lb	gF/50%f; ASTM D1709
Film Tensile Strength at Break, MD	20.0 MPa	2900 psi	ASTM D882
Film Tensile Strength at Break, TD	18.0 MPa	2610 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	10 % @Thickness 0.0500 mm	10 % @Thickness 0.00197 in	ASTM D1003
Gloss	98 % @Thickness 0.0500 mm	98 % @Thickness 0.00197 in	60°; ASTM D2457

## **Contact Songhan Plastic Technology Co.,Ltd.**

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