Braskem

Data Sheet

Linear Low Density Polyethylene FLEXUS7200

Description:

Braskem Flexus7200 is a Linear Low Density Polyethylene, metallocene ethylene-hexene copolymer, produced by gas fase process. It was specially designed to provide outstanding processing performance. Films obtained with this grade show excellent impact and puncture resistences. It contains antioxidant additives.

Applications:

Stretch films; liners; LDPE and HDPE blends; packages for general use.

Process:

Recommended processing conditions for film extrusion about 220 - 270 ºC. The optimum processing conditions will vary according to the type of equipment used and cannot be considered as performance guarantee.

Control Properties:

	ASTM Method	Unit	Value
Melt Flow Rate (190/2.160)	D 1238	g/10 min	3.5
Density	D 1505	g/cm^3	0.918

Properties:

Blown Film Properties[a]

	ASTM Method	Unit	Value
Ultimate Strength (MD/TD)	D 882	%	40/30
Elongation at Break (MD/TD)	D 882	MPa	990/1040
Flexural Modulus – 1% Secant	D 882	%	180/190
Dart Drop Impact	D 1709	g/F50	170
Elmendorf Tear Strength (MD/TD)	D 1922	gF	250/460
Haze	D 882	MPa	28
Gloss - Angle 60°	D 2457	%	60

(a) 25 µm thickness film, processed in a 40 mm screw diameter extruder with blow up ratio of 2,2:1 (MD = Machine Direction; TD = Transversal Direction)