

Linear Low Density Polyethylene FLEXUS9212XP

Description:

Braskem Flexus9212XP is a LLDPE which presents excellent impact and puncture strength, beyond a differential sealing performance comparing with another typical LLDPE. It contains a special package of slip additives which allow better CoF control after lamination.

Applications:

Films laminated for automatic packaging (FFS) of solids and liquids, co extrusion and general use.

Additive:

Slip package in high level
Blocking medium
Processing Aids Medium Level

Process:

Blow Film Extrusion

Control Properties:

	ASTM Method	Unit	Value
Melt Flow Rate (190/2.16)	D 1238	g/10 min	1.0
Density	D 792	g/cm ³	0.917

Properties:

Blown Film Properties^a

	ASTM Method	Unit	Value
Tensile Strength at Break (MD/TD)	D 882	MPa	35/25
Elongation at Break (MD/TD)	D 882	%	850/840
Tensile Modulus – 1% Secant (MD/TD)	D 882	MPa	150/160
Dart Drop Impact	D 1709	g/F50	700
Elmendorf Tear Strength (MD/TD)	D 1922	gF	230/790
Haze	D 1003	%	7
Gloss - Angle 60°	D 2457	-	84

(a) 40 µm thickness film, processed with 10% of LDPE in a 75mm screw diameter extruder with blow up ratio of 2.2:1. (MD: Machine Direction; TD: Transversal Direction).

