

Low Density Polyethylene BF0323HC

Description:

BF0323HC is a high molecular weight grade produced under high pressure. Films obtained with this product show excellent mechanical and optical properties.

Applications:

Heavy duty bags; agriculture, co extruded and shrink films.

Process:

Blown Film Extrusion; Blow Molding

Control Properties:

	ASTM Method	Units	Values
Melt Flow Rate (190/2.16)	D 1238	g/10 min	0.32
Density	D 1505	g/cm3	0.923

Typical Properties:

Blown Film Properties^a

	ASTM Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	20/20
Elongation at Break (MD/TD)	D 882	%	390/930
Dart Drop Impact	D 1709	g/F50	290
Elmendorf Tear Strength (MD/TD)	D 1922	gF	NDb/270
Haze	D 1003	%	10
Gloss - Angle 60°	D 2457	%	92

(a) 70 µm Film Gauge, obtained in 75 mm extruder, with 2:1 BUR. die gap 1.0 mm, (MD: Machine direction; TD: Transversal direction).
(b) ND: Not Determined.

