



Datasheet

26/12/2018

High Density Polyethylene HD3000N**Description:**

HD3000N is a High Density Polyethylene, ideal for cast film extrusion. It offers high processability, stiffness and good impact resistance.

Applications:

Diaper back sheet, Hygienic absorbent

Processes:

Cast film extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	7.3
Density	D 792	g/cm ³	0.960

Typical Properties - Films:

Blow film Properties (a)

Feature	Method	Units	Values
Tensile Strength at Break (MD/TD)	D 882	MPa	25/20
Elongation at Break (MD/TD)	D 882	%	770/380
Flexural Modulus - 1% Secant (MD/TD)	D 882	MPa	710/790
Dart Drop Impact	D 1709	g/F50	ND
Elmendorf Tear Strength (MD/TD)	D 1922	gF	5/10
Haze	D 1003	%	47
Gloss - Angle 60°	D 2457	%	52

(a) LDPE: 25 µm thick film, obtained from a 75 mm extruder, with blow up ratio of 2:1, die gap 1 mm and Die rate 1,75 kg/h.cm (MD = Machine Direction and TD = Transversal Direction). (b) ND: Not Determined

Final Remarks:

1. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
3. For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
4. The mentioned values in this report can be changed at any moment without Braskem previous communication.