Braskem Idesa

Datasheet
26/12/2018

Low Density Polyethylene LD5010FC

Description:

LD5010FC is a low density polyethylene that contains low gel content and no additives, developed for wires and cables applications.

Applications:

Wire and cables

Processes:

Wire and Cable Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	1.2
Density	D 792	g/cm³	0.920

Typical Properties - Plaque[1]:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Yield (a)	D 638	MPa	12
Tensile Strength at Break (a)	D 638	MPa	11
Elongation at Break (a)	D 638	%	800
Vicat Softening Temperature at 10 N (b)	D 1525	°C	90
Melting temperature	D 3417/D 3418	°C	113

[1] Test specimens from compression molded plaque according to ASTM D4703. Plaque Thickness: a) 2mm. b) 3mm c) 6mm. NB = No break.

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.