Data Sheet
01/23/2020

Low Density Polyethylene SEB853

Description:

SEB853 is a low density polyethylene produced under high pressure technology. Films obtained with this product show outstanding optical properties, good sealability, and low gel content. Additives free. The minimum carbon biobased content of this grade is 95%, determined according to ASTM D6866.

Aplicações:

Blends with HDPE, Blends with LLDPE, Low thickness film

Processos:

Cast Film Extrusion.

Control Properties:

Característica	Método	Unidades	Valores
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	2.7
Density	D 1505	g/cm³	0.923

Typical Properties - Films:

Blown Film Properties (a)

Característica	Método	Unidades	Valores
Tensile Strength at Break (MD/TD)	D 882	MPa	25/20
Elongation at Break (MD/TD)	D 882	%	350/1050
Dart Drop Impact	D 1709	g/F50	80
Elmendorf Tear Strength (MD/TD)	D 1922	gF	580/210
Haze	D 1003	%	7
Gloss - Angle 60º	D 2457	%	75

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

Final Remarks

1. It is the sole responsibility of the Client/Purchaser of this Product to verify the suitability of this Product and its use for the intended use and to ensure compliance with legal and regulatory requirements applicable to the final product.
2. The technical guidance eventually rendered to the Client/Purchaser of the Product by Braskem about the Product does not characterize a performance guarantee for the intended application, nor does it exempt the Client/Purchaser from the responsibilities described in item 1 above.
3. Any application information about the Product does not mean that Braskem knows or has validated the productive process of the Client/Purchaser or the adequacy of the Product for the intended application. All warranties of merchantability or fitness for a particular purpose, express or implied, are expressly excluded.
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