


Datasheet

08/02/2019

Ethylene-Vinyl Acetate Copolymer HM728F

Description:

HM 728 is a copolymer of Ethylene-Vinyl Acetate (EVA) with high vinyl-acetate content, extrudable resin containing low gel, good optical characteristics, and excellent sealing properties with a very low seal initiation temperature.

Applications:

High transparency films, Film

Processes:

Cast film extrusion, Blown Film Extrusion, Processing temperatures above 230°C may cause resin degradation.

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D 1238	g/10 min	6.0
Vinyl-Acetate Content	ASTM D 5594-98	%	28.0

Typical Properties - EVA:

Plaque Properties (a)

Feature	Method	Units	Values
Density	D 1505 / D 792	g/cm ³	0.951
Tensile Strength at Break	D 638	MPa	16
Elongation at Break	D 638	%	>1000
Hardness	D 2240	Shore A / D	80/26
Melting Point	D 3418	°C	73
Vicat Softening Temperature at 10 N	D 1525	°C	43

(1) Braskem test method available for customers. (a) Test specimens prepared from compression molded plate according to ASTM D 4703. (b) Compression molded 2 mm thickness, 0.3 mm notched-plaques; 100% Igepal; 50°C.

Final Remarks:

- 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.
- For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
- For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
- The mentioned values in this report can be changed at any moment without Braskem previous communication.