


Datasheet

08/02/2019

Ethylene-Vinyl Acetate Copolymer HM728

Description:

HM728 is an Ethylene-Vinyl Acetate (EVA) copolymer, with high vinyl-acetate content, bring softness, flexibility and polarity . It's a compatible with adhesives resins and waxes. HM728 is a useful product for hot melt adhesives formulation. In addition delivers excellent load properties with any kind of fillers.

Additives:

It contains antioxidant additive.

Applications:

Hot melt adhesives, Wire and cables, Based resin for compounds, Injection molding of high flexible articles, Crosslinked foam application

Processes:

The resin can be processed on most conventional equipments used for thermoplastics., 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
Vinyl-Acetate Content	ASTM D 5594-98	%	28

Typical Properties - EVA:

Plaque Properties (a)

Feature	Method	Units	Values
Density	D 1505 / D 792	g/cm ³	0.950
Environmental Stress Cracking Resistance (ESCR) (b)	D 1693	h/F50	>300
Hardness	D 2240	Shore A / D	80 / 25
Melting Point	D 3418	°C	77
Vicat Softening Temperature at 10 N	D 1525	°C	49

(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.