Braskem

Datasheet
08/02/2019

Ethylene-Vinyl Acetate Copolymer 3019PE

Description:
3019 PE is an Ethylene-Vinyl Acetate (EVA) copolymer, which has excellent foam molding properties, compatibility with other thermoplastic, elastomeric resins, and excellent load properties of various fillers. The resin combine high environmental stress cracking resistance (ESCR), flexibility and fatigue resistance.

Applications:
Microcellular crosslinked foams for shoes, industrial and recreational foams, toys., Polymer blends, Injection molding of high flexible articles

Processes:
Injection molding., Compression Molding, Compounding, General extrusion.

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D 1238	g/10 min	2.5
Vinyl-Acetate Content	ASTM D 5594-98	%	19.0

Typical Properties - EVA:
Plaque Properties (a)

Feature	Method	Units	Values
Density	D 1505 / D 792	g/cm³	0.940
Environmental Stress Cracking Resistance (ESCR) (b)	D 1693	h/F50	>300
Hardness	D 2240	Shore A / D	90 / 30
Melting Point	D 3418	ºC	86
Vicat Softening Temperature at 10 N	D 1525	ºC	60

(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; 50ºC.

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.