



Datasheet

08/02/2019

Ethylene-Vinyl Acetate Copolymer 8019PE**Description:**

8019PE is an Ethylene-Vinyl Acetate (EVA) copolymer, with high flow and easy processing in foam molding applications. The resin present compatibility with other thermoplastic, elastomeric resins, and excellent load properties of various fillers. Injection molded parts made with 8019PE permit production of tough, highly flexible items.

Applications:

Microcellular crosslinked foams for shoes, industrial and recreational foams, toys., Hot melt adhesives

Processes:

Compression Molding, Injection Molding, Compounding, Extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D 1238	g/10 min	8.0
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/cm ³	0.940
Environmental Stress Cracking Resistance (ESCR) (b)	D 1693	h/F50	>300
Hardness	D 2240	Shore A / D	85 / 30
Melting Point	D 3418	°C	86
Vicat Softening Temperature at 10 N	D 1525	°C	58

(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:

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.