

## Braskem Evateno® 8019 PE EVA Foam Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

**Material Notes:**

The Evateno® 8019 PE is a copolymer of Ethylene-Vinyl Acetate (EVA) with medium Vinyl-Acetate content. Evateno® 8019 PE is an easy processing and crosslinkable product with high compatibility with other thermoplastic and elastomeric resins, and inorganic fillers. It offers high elasticity, high environmental stress cracking resistance (ESCR), impact strength and low temperatures resistance.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-Evateno-8019-PE-EVA-Foam-Copolymer.php](http://www.lookpolymers.com/polymer_Braskem-Evateno-8019-PE-EVA-Foam-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in <sup>3</sup>	ASTM-D1505 / ASTM-D792
ESCR 100% Igepal®	>= 300 hour @Thickness 2.00 mm, Temperature 50.0 °C	>= 300 hour @Thickness 0.0787 in, Temperature 122 °F	0.3 mm notched-plaques; ASTM-D1693
Vinyl Acetate Content	19 %	19 %	
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	8.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	ASTM-D2240
Hardness, Shore D	30	30	ASTM-D2240

Thermal Properties	Metric	English	Comments
Melting Point	86.0 °C	187 °F	ASTM-D3418
Vicat Softening Point	58.0 °C @Load 1.02 kg	136 °F @Load 2.25 lb	ASTM-D1525

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