

## Ethylene-Vinyl Acetate Copolymer Evateno® 8019 PE

### Description:

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 high compatible 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.

### Application:

Crosslinked and/or expanded plaques for several applications including compounds for footwear (sole, insoles, etc), furniture, toy and freebie industry, and polyethylenes blends used in hot-melt adhesives formulation. It presents excellent compatibility with wax, paraffins and tackifiers.

### Control Properties:

	ASTM Method	Units	Values
Melt Index (190/2.16)	D 1238	g/10 min	8.0
Vinyl-Acetate Content	Braskem1	% (w/w)	19.0

### Typical Properties:

Plaque Properties<sup>a</sup>

	ASTM Method	Units	Values
Density	D 1505 / D 792	g/cm3	0.940
Hardness	D 2240	Shore A / D	85 / 30
Environmental Stress Cracking Resistance (ESCR) <sup>b</sup>	D 1693	h/F50	>300
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.

