

Ethylene-Vinyl Acetate Copolymer Evateno® 3019 PE

Description:

Evateno® 3019 PE is a copolymer of Ethylene-Vinyl Acetate (EVA) with medium Vinyl-Acetate content. Evateno® 3019 PE is an easy processing and crosslinkable product highly compatible with other thermoplastic and elastomeric resins, and inorganic fillers. It offers elasticity and high environmental stress cracking resistance (ESCR), flexibility and fatigue resistance.

Application:

Crosslinked and/or expanded plates for several applications including compounds for footwear (sole, insoles, etc), toy and freebie industry, and polyethylenes blends used in film production, hot-melt adhesives formulation and modified asphalts.

Control Properties:

	ASTM Method	Units	Values
Melt Flow Rate (190/2.16)	D 1238	g/10 min	2.5
Vinyl-Acetate Content	Braskem1	% (w/w)	19.0

Typical Properties:

 Plaque Properties^a

	ASTM Method	Units	Values
Density	D 1505 / D 792	g/cm ³	0.940
Hardness	D 2240	Shore A / D	90 / 30
Environmental Stress Cracking Resistance (ESCR) ^b	D 1693	h/F50	>300
Melting Point	D 3418	°C	86
Vicat Softening Temperature at 10 N	D 1525	°C	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; 50°C.

