

Evateno® 8019-PE

Ethylene Vinyl Acetate Copolymer

Braskem

Message:

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 tackfiers.

General Information			
Features	Copolymer		
	Crosslinkable		
	Good Impact Resistance		
	High Elasticity		
	High ESCR (Stress Crack Resist.)		
	Low Temperature Impact Resistance		
Uses	Adhesives		
	Footwear		
	Furniture		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	g/cm ³	ASTM D792, ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 2.00 mm, 100% Igepal, Compression Molded, F50)	> 300	hr	ASTM D1693
Vinyl Acetate Content	19.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	85		
Shore D	30		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	58.0	°C	ASTM D1525 ¹
Melting Temperature	86.0	°C	DSC
NOTE			

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Recommended distributors for this material

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