

Braskem EVA 3019 PE

Ethylene Vinyl Acetate Copolymer

Braskem

Message:

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.

Applications

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.

General Information			
Features	Copolymer		
	Crosslinkable		
	Fatigue Resistant		
	Good Flexibility		
	Good Processability		
	High ESCR (Stress Crack Resist.)		
Uses	Adhesives		
	Asphalt Modification		
	Film		
	Footwear		
	Toys		
Agency Ratings	FDA 21 CFR 177.1350		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	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	90		
Shore D	30		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	60.0	°C	ASTM D1525 ¹
Peak Melting Temperature	86.0	°C	ASTM D3418
NOTE			
1.	Loading 1 (10 N)		

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