

Evateno® HM-150

Ethylene Vinyl Acetate Copolymer

Braskem

Message:

Description:

The Evateno® HM 150 is a copolymer of Ethylene-Vinyl Acetate (EVA) with medium vinyl-acetate content, very low molecular weight, and easily crosslinkable. Evateno® HM-150 offers good compatibility with others thermoplastic and elastomeric resins and it can be use in blends with others polyethylenes to improve the environmental stress cracking resistance (ESCR), flexibility and fatigue resistance. It contains antioxidant additive.

Application:

Hot-melt adhesives, coating, blends with polyethylenes and injection molded parts where flexibility and environmental stress crack resistance (ESCR) are required. Hot-melt adhesives formulation presents excellent compatibility with wax, paraffins, tackfiers, polymeric blends and blends with asphalt blends.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	Crosslinkable		
	Food Contact Acceptable		
	Low Molecular Weight		
Uses	Adhesives		
	Blending		
	Coating Applications		
Agency Ratings	FDA 21 CFR 177.1350		
Forms	Pellets		
Processing Method	Coextrusion		
	Filament Extrusion		
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)	150	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	20.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Compression Molded	83		
Shore D, Compression Molded	27		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	46.0	°C	ASTM D1525 ¹

Peak Melting Temperature	83.0	°C	ASTM D3418
NOTE			

1.	Loading 1 (10 N)
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