

Braskem EVA HM 2528

Ethylene Vinyl Acetate Copolymer

Braskem

Message:

Evateno ® HM 2528 is a copolymer of Ethylene-Vinyl Acetate (EVA) with high vinyl-acetate content, low molecular weight, and good compatibility with other thermoplastic and elastomeric resins. It can be use in blends with other polyethylenes to improve environmental stress cracking resistance (ESCR), impact resistance, and brittleness at low temperatures. It contains antioxidant additive.

Application:

Hot-melt adhesives, coatings, expanded plaques, and injection and extrusion molded parts where flexibility, resilience and environmental stress crack resistance (ESCR) are required. Hot-melt adhesives formulation presents excellent compatibility with wax, paraffins and tackfiers, improving flexibility and adherence.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Adhesion		
	Good Flexibility		
	Good Impact Resistance		
	High ESCR (Stress Crack Resist.)		
	Low Molecular Weight		
Uses	Resilient		
	Adhesives		
	Coating Applications		
	Foam		
Agency Ratings	Sheet		
	FDA 21 CFR 177.1350		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	25	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	28.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Compression Molded	79		
Shore D, Compression Molded	23		

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	46.0	°C	ASTM D1525 ¹
Peak Melting Temperature	75.0	°C	ASTM D3418

NOTE

1. Loading 1 (10 N)

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

