

Braskem Evateno® HM 728 EVA Hot Melt Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Adhesive/Sealant Grade

Material Notes:

Evateno® HM 728 is a copolymer of Ethylene-Vinyl Acetate (EVA) with high vinyl-acetate content, medium molecular weight, and good compatibility with other thermoplastic and elastomeric resins. Evateno® HM 728 offers good compatibility with other olefin resins, and it can be used in blends with other polyethylenes to improve environmental stress cracking resistance (ESCR), impact resistance, and brittleness at low temperatures. It contains antioxidant additives. Its applications include: hot-melt adhesives, coating, expanded parts, and injection molded 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 tackifiers, improving the flexibility and adherence.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-Evateno-HM-728-EVA-Hot-Melt-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM-D1505 / ASTM-D792
ESCR 100% Igepal®	>= 300 hour @Thickness 2.00 mm, Temperature 50.0 °C	>= 300 hour @Thickness 0.0787 in, Temperature 122 °F	0.3 mm notched-plaques; ASTM-D1693
Vinyl Acetate Content	28 %	28 %	
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 190 °C	6.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM-D2240
Hardness, Shore D	25	25	ASTM-D2240

Thermal Properties	Metric	English	Comments
Melting Point	77.0 °C	171 °F	ASTM-D3418
Vicat Softening Point	49.0 °C @Load 1.02 kg	120 °F @Load 2.25 lb	ASTM-D1525

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