

HANWHA EVA 1316

Ethylene Vinyl Acetate Copolymer
Hanwha Chemical

Message:

HANWHA EVA 1316 is manufactured by Dow autoclave high pressure process and designed for variety of foam molding application such as shoes and sandals etc. EVA 1316 is well known for its excellent processability and high quality assurance.

General Information			
Features	Foamable property		
	Workability, good		
	No additive		
Uses	Foam		
	Footwear		
Agency Ratings	FDA 21 CFR 177.1350(a)(1)		
Forms	Particle		
Processing Method	Foam treatment		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Vinyl Acetate Content	19.0	wt%	Internal method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	90		ASTM D2240
Shaw D	36		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	13.2	MPa	ASTM D638
Tensile Elongation (Break)	850	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	59.0	°C	ASTM D1525
Peak Melting Temperature	85.0	°C	ASTM D3417
Additional Information			
Kneader Temperature: 80 to 110°CRoll Mill Temperature: 90°C			

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Recommended distributors for this material

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