

Hanwha

EVA

1316

Product information				
Manufacturer	Hanwha Chemical Corporation			
Material Shape	Pellets			
Process	Foam Molding			
Polymer	Copolymer			
Material Attribute	Food Contact grade			
Features	Good processabilityAdditive freeFoamedGood moldability			
Application	FoamFootwearSandalsFoaming technologies			
Tips	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.			
Hardness	Condition	Standard	Value	Unit
Shore	Hardness A	ASTM D2240	90	
Shore	Hardness D	ASTM D2240	36	
Mechanical behavior	Condition	Standard	Value	Unit
Elongation	Break	ASTM D638	840	%
Tensile	Strength Break	ASTM D638	135	kg/cm ²
Physical property	Condition	Standard	Value	Unit
Density		ASTM D1505	0.940	g/cm ³
Melt	Index	ASTM D1238	1.8	g/10min
Vinyl	Acetate Content FTIR	INTERNAL METHOD	19.0	wt%
Thermal	Condition	Standard	Value	Unit
Low	Temperature Brittleness F0	ASTM D746	-76.0	°C
Melting	Temperature	ASTM D3417	85	°C
Vicat	Softening Temperature	ASTM D1525	59	°C