

Ethylene Vinylacetate Copolymer

Foam Molding Grade

MELT INDEX 1.8**VA CONTENT 15.0**

HANWHA EVA 1315 is manufactured by high pressure autoclave process and designed for variety of foam molding application such as shoes and sandals etc. EVA 1315 is well known for its excellent processability and high quality assurance.

This product complies with U.S. FDA regulation 21 CFR 177.1350(a)(1)

▣ Outstanding Properties

Excellent Foam Molding Property
 Very Good Mechanical Properties
 Excellent Loading Property of Various Fillers

▣ Processing Conditions

Kneader : 90 ~ 110°C
 Roll Mill : 100°C

▣ Additives

No Additives

▣ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	1.8
VA Content	wt%	HCC Method ⁽³⁾	15.0
Density	g/cm ³	ASTM D1505	0.938
Vicat Softening Point	°C	ASTM D1525	66
Melting Point	°C	ASTM D3417	88
Tensile Strength at Break	Kg/cm ²	ASTM D638	146
Elongation at Break	%	ASTM D638	840
Brittleness Temperature, F ₀	°C	ASTM D746	<-76
Hardness	Shore A/D	ASTM D2240	93/39

1. These are typical properties: not to be construed as specification.
2. The value for this property is dependent on part geometry and fabrication conditions.
3. Elemental Analyzer and FT-IR