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Hanwha Solutions

1319

Ethylene Vinylacetate Copolymer

Foam Molding Grade

MELT INDEX **2.5**

VA CONTENT **19.0**

HANWHA EVA 1319 is manufactured by high pressure autoclave process and designed for variety of foam molding application such as shoes and sandals etc. EVA 1319 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
Good Elastic Property of Sponge

▣ Processing Conditions

Kneader : 80 ~ 100℃
Roll Mill : 90℃

▣ Additives

No Additives

▣ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	2.5
VA Content	wt%	HCC Method(3)	19.0
Density	g/㎤	ASTM D1505	0.940
Vicat Softening Point	℃	ASTM D1525	59
Melting Point	℃	ASTM D3417	85
Tensile Strength at Break	Kg/㎠	ASTM D638	135
Elongation at Break	%	ASTM D638	840
Brittleness Temperature, F_0	℃	ASTM D746	<-76
Hardness	Shore A/D	ASTM D2240	90/36

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

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