

آنالیز ۱۳۱۶ EVA

(شیمی پل)

HANWHA

1316

FORM MOLDING GRADE

ETHYLENE VINYLACETATE COPOLYMER RESIN
FOR SHOE SOLES AND SANDALS

VA CONTENT 19.0
MELT INDEX 1.8
DENSITY 0.942

DESCRIPTION

HANWHA Ethylene Vinylacetate copolymer(EVA) 1316 is produced in the high pressure autoclave reactor and has the following characteristics.

- EXCELLENT FORM MOLDING PROPERTY
- VERY GOOD MECHANICAL PROPERTIES
- EXCELLENT LOADING PROPERTY OF VARIOUS FILLERS
- GOOD ELASTIC PROPERTY OF SPONGE

TYPICAL APPLICATION

- Foaming for shoes and sandals

TYPICAL PHYSICAL PROPERTIES¹

Physical Properties	Test Method	0.03mm
VA Content, wt%	HCC Method ²	19.0
Melt Index, g/10min	ASTM D1238	1.8
Density, g/cc	ASTM D1505	0.942
Ultimate Tensile Strength, Kg/cm ²	ASTM D638	135
Elongation, %	ASTM D638	850
Vicat Softening Point, °C	ASTM D1525	59
Melting Point, °C	DSC Method	85
Brittleness Temp., °C	ASTM D746	<-76
Flexural Modulus, Kg/cm ²	ASTM D790	5.0
Hardness, Shoe A/D	ASTM D2240	90/36

1. These are typical properties : not to be construed as specification.
2. Elemental Analyzer and FT-IR

