

# HANWHA

## Ethylene Vinylacetate Copolymer

# 2319

Foam Molding Grade

**MELT INDEX** 1.8  
**VA CONTENT** 15.0

HANWHA EVA 2319 is manufactured by Dow tubular high pressure process and designed for variety of foam molding application such as shoes and sandals etc.. EVA 2319 is well known for its excellent processability and high quality assurance.

### ■ 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 °C  
Roll Mill : 90 °C

### ■ Additives

Antioxidant

### ■ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	2.5
VA Content	wt%	HCC Method <sup>(3)</sup>	19.0
Density	g/cm <sup>3</sup>	ASTM D1505	0.939
Vicat Softening Point	°C	ASTM D1525	59
Melting Point	°C	ASTM D3417	86
Tensile Strength at Break	kg/ cm <sup>2</sup>	ASTM D638	140
Elongation at Break	%	ASTM D638	800
Brittleness Temperature, F <sub>0</sub>	°C	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

