

# HANWHA

## Ethylene Vinylacetate Copolymer

# 2315

Foam Molding Grade

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

HANWHA EVA 2315 is manufactured by high pressure tubular process and designed for variety of foam molding application such as shoes and sandals etc. EVA 2315 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

### ▣ 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 <sup>(3)</sup> | 15.0  |
| Density                                 | g/cm <sup>3</sup>  | ASTM D1505                | 0.937 |
| Vicat Softening Point                   | °C                 | ASTM D1525                | 66    |
| Melting Point                           | °C                 | ASTM D3417                | 88    |
| Tensile Strength at Break               | Kg/cm <sup>2</sup> | ASTM D638                 | 150   |
| Elongation at Break                     | %                  | ASTM D638                 | 820   |
| Brittleness Temperature, F <sub>0</sub> | °C                 | ASTM D746                 | <-76  |
| Hardness                                | Shore A/D          | ASTM D2240                | 93/40 |

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

