



2319

Ethylene Vinylacetate Copolymer

Foam Molding Grade

MELT INDEX **2.5**
VA CONTENT **19.0**

HANWHA EVA 2319 is manufactured by high pressure tubular 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 ⁽³⁾ | 19.0 |
| Density | g/cm ³ | ASTM D1505 | 0.939 |
| Vicat Softening Point | °C | ASTM D1525 | 59 |
| Melting Point | °C | ASTM D3417 | 86 |
| Tensile Strength at Break | Kg/cm ² | ASTM D638 | 140 |
| Elongation at Break | % | ASTM D638 | 800 |
| Brittleness Temperature, F ₀ | °C | ASTM D746 | <-76 |
| Hardness | Shore A | 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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