

# HANWHA

## Ethylene Vinylacetate Copolymer

# 1519

Hot Melt Adhesive Grade

**MELT INDEX** 150  
**VA CONTENT** 19.0

HANWHA EVA 1519 is manufactured by high pressure autoclave process and designed for variety hot melt adhesive application. EVA 1519 is well known for its excellent adhesive property, mixing property with other raw materials and high quality assurance.

This product complies with U.S. FDA regulation 21 CFR 177.1350(a)(1)

### ■ Outstanding Properties

Excellent Adhesive Property  
Very Good Mixing Properties with other raw materials  
Excellent low temperature physical property and flexibility  
Good quality uniformity

### ■ Additives

Antioxidant, Anti-caking agent

### ■ Physical Properties

| Physical Properties       | Unit               | Test Method               | Value |
|---------------------------|--------------------|---------------------------|-------|
| Melt Index                | g/10min            | ASTM D1238                | 150   |
| VA Content                | wt%                | HCC Method <sup>(3)</sup> | 19.0  |
| Density                   | g/cm <sup>3</sup>  | ASTM D1505                | 0.940 |
| Vicat Softening Point     | °C                 | ASTM D1525                | 44    |
| Melting Point             | °C                 | ASTM D3417                | 81    |
| Tensile Strength at Break | Kg/cm <sup>2</sup> | ASTM D638                 | 74    |
| Elongation at Break       | %                  | ASTM D638                 | 800   |
| Hardness                  | Shore A            | ASTM D2240                | 95    |

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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