


**Datasheet**

08/02/2019

## Ethylene-Vinyl Acetate Copolymer HM150

**Description:**

HM150 is a copolymer of ethylene and vinyl acetate (EVA) designed for variety hot melt applications. The resin combine moderately low viscosity and excellent adhesive property. HM150 is highly compatible with most tackifying resins and waxes.

**Additives:**

It contains antioxidant additive.

**Applications:**

Polymer blends, Masterbatches, Based resin for compounds, Hot melt adhesives

**Processes:**

The resin can be processed on most conventional equipments used for thermoplastics., Processing temperatures above 230°C may cause resin degradation.

**Control Properties:**

| Feature                       | Method         | Units    | Values |
|-------------------------------|----------------|----------|--------|
| Melt Flow Rate (190°C/2.16kg) | ASTM D 1238    | g/10 min | 150    |
| Vinyl-Acetate Content         | ASTM D 5594-98 | %        | 20.0   |

**Typical Properties - EVA:**

Plaque Properties (a)

| Feature                                             | Method         | Units             | Values  |
|-----------------------------------------------------|----------------|-------------------|---------|
| Density                                             | D 1505 / D 792 | g/cm <sup>3</sup> | 0.940   |
| Environmental Stress Cracking Resistance (ESCR) (b) | D 1693         | h/F50             | >300    |
| Hardness                                            | D 2240         | Shore A / D       | 83 / 27 |
| Melting Point                                       | D 3418         | °C                | 83      |
| Vicat Softening Temperature at 10 N                 | D 1525         | °C                | 46      |

(1) Braskem test method available for customers. (a) Test specimens prepared from compression molded plate according to ASTM D 4703. (b) Compression molded 2 mm thickness, 0.3 mm notched-plaques; 100% Igepal; 50°C.

**Final Remarks:**

- The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
- For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
- For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
- The mentioned values in this report can be changed at any moment without Braskem previous communication.