GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTALLOY™ EVA 00020 | Modifier

Product Description

GRAFTALLOY™ EVA 00020 is an EVA resin for injection moulding with good flexibility. It contains antioxidants and a free-flowing agent.

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Physical Form	granules	
Vinyl acetate content	20 %	Internal Method
Melt flow rate (MFR) 190 °C / 2.16 kg	20 g/10 min	ISO 1133
Density	0.940 g/cm^3	ISO 1183
Vicat softening temperature 10 N	53 °C	ISO 306
Melting point	82 °C	Internal Method
Brookfield viscosity 180 °C	966 000 cP	Internal Method
Tensile strength at break	11 MPa	ISO 527-2
Elongation at break	780 %	ISO 527-2
Shore hardness	84 A / 30 D	ISO 868

Applications

Injection moulding.

Blends with microcrystalline and paraffin waxes.

Modification of asphalt.

Processing & Dosage

Recommended melt temperature: below 200 °C.

Storage and Transportation

MSDS provided to recommend safe practices during use and storage. Improper storage conditions may cause degradation and affect the product's physical properties. For easy handling and storage, it is normally packed in 25 kg bags (50 bags per pallet).

Store in the original packaging in a cool, dry, well-ventilated area, away from heat sources, moisture and direct sunlight.

Shelf Life

36 months from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

GRAFT POLYMER D.O.O.
Struge 18, Borovnica 1353 Slovenia
Company Num. 8056200000, VAT. SI 30561345
info@graftpolymer.com

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