

DuPont™ Elvaloy® AM

Elvaloy® RET resins Product Data Sheet

Description

Product Description

DuPont™ Elvaloy® AM is a Reactive Elastomeric Terpolymer (RET) that can be used to modify the properties of asphalt binder used in paving.

Elvaloy® AM has a medium level of chemical reactivity of the terpolymers manufactured by DuPont for use with asphalt. It is effective when used with a wide range of asphalts, at mix levels as low as 0.5%, and is rarely used over 2.5%

Resulting polymer modified asphalt (PMA) is very stable, and can be stored for extended periods.

Restrictions

Material Status

- Commercial: Active

Typical Characteristics

Features

Bulk Density 0.58 g/cubic cm

Applications

Asphalt (Bitumen) Modification

Typical Properties

Physical

* Density ()

Nominal Values

0.94 g/cm³

Test Method(s)

ASTM D792

ISO 1183

* Melt Flow Rate (190°C/2.16kg)

12 g/10 min

ASTM D1238

ISO 1133

Thermal

* Melting Point (DSC)

Nominal Values

72°C (162°F)

Test Method(s)

ASTM D3418

ISO 3146

Processing Information

General

* Maximum Processing Temperature 280°C (536°F)

FDA Status Information

Elvaloy® AM currently does not have any US-FDA clearance for direct or in-direct contact with food materials.

Regulatory Information

For information on regulatory compliance outside of the U.S., consult your local DuPont representative.

Safety & Handling

For information on appropriate Handling & Storage of this polymeric resin, please refer to the Material Safety Data Sheet.

A Product Safety Bulletin, Material Safety Data Sheet, and/or more detailed information on extrusion processing and/or compounding of this polymeric resin for specific applications are available from your DuPont Packaging and Industrial Polymers representative.

Read and Understand the Material Safety Data Sheet (MSDS) before using this product

Regional Centres

DuPont operates in more than 70 countries. For help finding a local representative, please contact one of the following regional customer contact centers:

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