

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

Nominal Values

Test Method(s)

* Density ()

0.94 g/cm³

ASTM D792

ISO 1183

* Melt Flow Rate (190°C/2.16kg)

12 g/10 min

ASTM D1238

ISO 1133

Thermal

Nominal Values

Test Method(s)

* Melting Point (DSC)

72°C (162°F)

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:

Americas

DuPont Company
Chestnut Run Plaza – Bldg. 730
974 Centre Road
Wilmington, Delaware
19805 U.S.A.
Toll-Free (USA): 1-800-628-6208
Telephone: 1-302-774-1000
Fax: 1-302-355-4013

Asia Pacific

DuPont China Holding Co., Ltd.
Shanghai Branch
399 Keyuan Road, Bldg. 11
Zhangjiang Hi-Tech Park
Pudong New District, Shanghai
P.R. China (Postcode: 201203)
Telephone +86 21 3862 2888
Fax +86-21-3862-2889

Europe / Middle East / Africa

DuPont de Nemours Int'1. S.A.
2,Chemin du Pavillon Box 50
CH-1218 Le Grand Saconnex
Geneva, Switzerland
Telephone +41 22 717 51 11
Fax +41 22 717 55 00

DuPont do Brasil, S.A.
Alameda Itapecuru, 506
06454-080 Barueri, SP Brasil
Telephone: +55 11 4166 8000
Fax: +55 11 4166 8736

<http://elvaloy.dupont.com>

The data listed here fall within the normal range of properties, but they should not be used to establish specification limits nor used alone as the basis of design. The DuPont Company assumes no obligations or liability for any advice furnished or for any results obtained with respect to this information. All such advice is given and accepted at the buyer's risk. The disclosure of information herein is not a licence to operate under, or a recommendation to infringe, any patent of DuPont or others. Since DuPont cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liability in connection with any use of this information.

CAUTION: Do not use DuPont materials in medical applications involving implantations in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of DuPont POLICY Regarding Medical Applications H-50103-3 and DuPont CAUTION Regarding Medical Applications H-50102-3.

Copyright © 2009 DuPont. The DuPont Oval Logo, DuPont™, The miracles of science™, and trademarks designated with "®" are registered trademarks or trademarks of E.I. du Pont de Nemours and Company or its affiliates. All rights reserved.

This data sheet is effective as of 05/15/2008 05:18:02 PM and supersedes all previous versions.