

## DuPont™ Elvaloy® 4170

## Elvaloy® RET resins Product Data Sheet

## Description

## Product Description

DuPont™ Elvaloy® 4170 is a Reactive Elastomeric Terpolymer (RET) that can be used to modify the properties of asphalt binder used in paving.

Elvaloy® 4170 is the most chemically reactive 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

## Availability

- Globally

## Typical Characteristics

## Features

Bulk Density 0.58 g/cubic cm

## Characteristics / Benefits

Most reactive grade for asphalt (bitumen) modification.

## Applications

Asphalt (Bitumen) Modification

## Typical Properties

## Physical

## Nominal Values

## Test Method(s)

\* Density ( )

0.94 g/cm<sup>3</sup>

ASTM D792

ISO 1183

\* Melt Flow Rate (190°C/2.16kg)

8 g/10 min

ASTM D1238

ISO 1133

## Thermal

## Nominal Values

## Test Method(s)

\* Melting Point (DSC)

72°C (162°F)

ASTM D3417

ISO 3146

## Processing Information

## General

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

## Safety &amp; 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'l. 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>

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