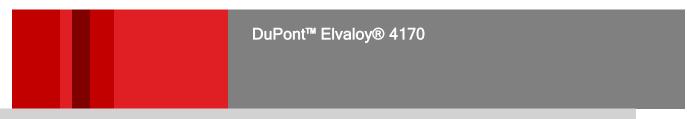
# **DuPont Packaging & Industrial Polymers**





# Elvaloy® RET resins Product Data Sheet

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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 & 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

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This data sheet is effective as of 08/08/2010 01:38:09 PM and supersedes all previous versions.