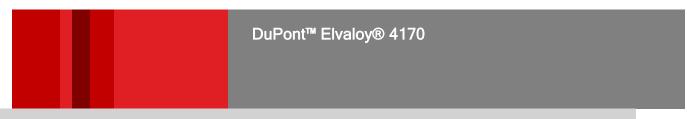
DuPont Packaging & Industrial Polymers





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/cm³ 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) ISO 3146

* Melting Point (DSC) 72°C (162°F) **ASTM D3417**

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

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