DuPont™ Elvaloy® 5160

Description
Product Description
DuPont™ Elvaloy® 5160 is a Reactive Elastomeric Terpolymer (RET) that can be used to modify the properties of asphalt binder used in paving.

Elvaloy® 5160 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.

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

Restrictions
Material Status
Developmental: Active

Typical Characteristics
Uses
Asphalt Modification

Features
Elvaloy® 5160 copolymer delivers high temperature SHRP properties and low temperature flexibility that is locked into asphalt binders. Once mixed the Elvaloy® reacts and never separates or segregates. Properties remain similar top, middle, and bottom no matter how long the binder is stored.

Applications
Asphalt / bitumen modification

Typical Properties
Physical
Nominal Values
- Density ()
  0.95 g/cm³
- Melt Flow Rate (190°C/2.16kg)
  12 g/10 min

Thermal
Nominal Values
- Melting Point (DSC)
  80°C (176°F)
- Freezing Point (DSC)
  55°C (131°F)

Processing Information
General
- Maximum Processing Temperature
  220°C (428°F)
Elvaloy® 5160 currently does not have any US-FDA clearance for direct or in-direct contact with food materials.

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

A Product Safety Bulletin, Material Safety Data Sheet, and more detailed information on compounding and processing Elvaloy® resins 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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http://elvaloy.dupont.com

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