

DuPont™ Elvaloy® 4170

Elvaloy® resins Product Data Sheet

Description

Product Description DuPont™ Elvaloy® 4170 can be used as polymer modifier

Restrictions

Material Status • Commercial: Active
 Availability • Globally

Typical Characteristics

Uses • Polymer Modifier
 Composition % Ethylene Copolymer
 Characteristics / Benefits impact modifier/compatibilizer for PET and PBT

Typical Properties

Physical	Nominal Values	Test Method (s)
Density ()	0.94 g/cm ³	ASTM D792
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

Processing Information

General

Maximum Processing Temperature 310°C (590°F)
 General Processing Information Temperature Guidelines below are for minor amounts Elvaloy(r) 4170 extruded in combination with solid stated PET

Cast Film / Sheet Processing

Nominal Values

Cast Film Processing Information	Nominal Values
Feed Zone	300°C (572°F)
Second Zone	290°C (554°F)
Third Zone	285°C (545°F)
Fourth Zone	285°C (545°F)
Fifth Zone	285°C (545°F)
Adapter Zone	285°C (545°F)
Die Zone	285°C (545°F)

Regulatory Information

PET or PBT containing minor amounts of Elvaloy(r) 4170 should be tested to confirm they comply with applicable food contact regulations.

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, BMP26-2363
Lancaster Pike & Route 141
Wilmington, DE 19805 U.S.A.
Telephone +1 302-774-1161
Toll-free (USA) 800-628-6208
Fax +1 302-999-4399

DuPont do Brasil, S.A.
Alameda Itapecuru, 506
06454-080 Barueri, SP Brasil
Telephone +55 11 4166 8122
Fax +55 11 4166 8720

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

<http://elvaloy.dupont.com>

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