

DuPont™ Keldax® 6705B

Keldax® resins Product Data Sheet

Description

Product Description

DuPont™ Keldax® 6705B is a filled thermoplastic ethylene copolymer that provides acoustical sound barrier performance in automotive, construction, and industrial applications.

Restrictions

Material Status

- Commercial: Active

Availability

- North America

Typical Characteristics

Uses

- Acoustic Barrier
- Automotive Applications
- Construction Applications
- Industrial Applications

Typical Properties

Physical	Nominal Values	Test Method(s)	
* Density ()	1.85 g/cm ³	ASTM D792	ISO 1183
* Melt Flow Rate (190°C/2.16kg)	4.5 g/10 min	ASTM D1238	ISO 1133
Thermal	Nominal Values	Test Method(s)	
* Melting Point (DSC)	80°C (176°F)	ASTM D3418	ISO 3146

Processing Information

General

- * Maximum Processing Temperature 210°C (410°F)

General Processing Information

Due to the abrasive nature of this filled polymer, the extrusion system utilized should be constructed of abrasion resistance materials.

Cast Film / Sheet Processing

Nominal Values

Cast Film / Sheet Processing	A suggested initial temperature profile setting. Adjust temperatures as needed up or down in accordance with your particular extrusion system design, but do not exceed the maximum processing temperature listed above.
Feed Zone	110°C (230°F)
Second Zone	135°C (275°F)
Third Zone	160°C (320°F)
Fourth Zone	185°C (365°F)

Fifth Zone	185°C (365°F)
Adapter Zone	185°C (365°F)
Die Zone	185°C (365°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:

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