

## 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 <sup>3</sup>	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 185°C (365°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** 125°C (257°F)  
**Second Zone** 140°C (284°F)  
**Third Zone** 155°C (311°F)  
**Fourth Zone** 170°C (338°F)

Fifth Zone	170°C (338°F)
Adapter Zone	170°C (338°F)
Die Zone	170°C (338°F)

#### Regulatory Information

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

#### 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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Fax: 1-302-355-4013

##### Asia Pacific

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*The data listed here fall within the normal range of properties, but they should not be used to establish specification limits nor used alone as the basis of design. The DuPont Company assumes no obligations or liability for any advice furnished or for any results obtained with respect to this information. All such advice is given and accepted at the buyer's risk. The disclosure of information herein is not a licence to operate under, or a recommendation to infringe, any patent of DuPont or others. Since DuPont cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liability in connection with any use of this information.*

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