DuPont™ Keldax® 6798

Keldax® resins Product Data Sheet

Description

Product Description

DuPont™ Keldax® 6798 is a low fog 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 (g/cm³) 1.9 ASTM D792
  ISO 1183

• Melt Flow Rate (190°C/2.16kg) 1.0 g/10 min ASTM D1238
  ISO 1133

Thermal Nominal Values Test Method(s)

• Melting Point (DSC) 80°C (176°F) ASTM D1238
  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:

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