

DuPont™ Keldax® 1066

Keldax® resins Product Data Sheet

**Description**

Product Description	DuPont Keldax® 1066 is a filled thermoplastic ethylene copolymer that provides acoustical sound barrier performance in automotive, construction, and industrial applications.
---------------------	---

**Restrictions**

Material Status	<ul style="list-style-type: none"> <li>• Commercial: Active</li> </ul>
Availability	<ul style="list-style-type: none"> <li>• North America</li> </ul>

**Typical Characteristics**

Uses	<ul style="list-style-type: none"> <li>• Acoustic Barrier</li> <li>• Automotive Applications</li> <li>• Construction Applications</li> <li>• Industrial Applications</li> </ul>
------	---

**Typical Properties**

Physical	Nominal Values	Test Method(s)
Density ( )	1.6 g/cm <sup>3</sup>	ASTM D792
Melt Index (190°C/2.16g)	2.6 g/10 min	ASTM D1238      ISO 1133
Thermal	Nominal Values	Test Method(s)
Melting Point (DSC)	80°C (176°F)	

**Processing Information**

**General**

Maximum Processing Temperature	204°C (399°F)
--------------------------------	---------------

Cast Film / Sheet Processing	Nominal Values
Cast Film Processing Information	
Feed Zone	107°C (225°F)
Second Zone	140°C (284°F)
Third Zone	177°C (351°F)
Fourth Zone	177°C (351°F)
Fifth Zone	177°C (351°F)
Adapter Zone	177°C (351°F)
Die Zone	177°C (351°F)

Extrusion Coating/Lamination Processing	Nominal Values
---	----------------

Extrusion Processing Information

Feed Zone	107°C (225°F)
Second Zone	140°C (284°F)
Third Zone	177°C (351°F)
Fourth Zone	177°C (351°F)
Fifth Zone	177°C (351°F)
Adapter Zone	177°C (351°F)
Die Zone	177°C (351°F)

---

**Read and Understand the Material Safety Data Sheet (MSDS) before using this product**

---

**DuPont Offices Worldwide**

---

**Americas**

DuPont Company  
Barley Mill Plaza 26-2363  
Lancaster Pike & Route 141  
Wilmington, DE 19880-0026 U.S.A.  
Telephone +1 302-774-1161  
Toll-free (USA) 800-628-6208 prompt "6"  
Fax +1 302-999-4399

DuPont do Brasil, S.A.  
Alameda Itapecuru, 506  
06454-080 Barueri, SP Brasil  
Toll-free: 0800 171715  
Telephone +55 11 4166 8122  
Fax +55 11 4166 8720

**Asia Pacific**

DuPont China Holding Co, Ltd.  
15th Floor, Shui on Plaza  
333 Huai Hai Road (Central)  
Shanghai 200021, China  
Telephone +86 21 6386 6366  
Fax +86-21-6386-6333

DuPont K.K./DuPont Asia Pacific  
Sanno Park Tower  
11-1, Magatacho 2-chome  
Chiyoda-ku, Tokyo, 100-611, Japan  
Telephone +81-3-5521-2771  
Fax +81-3-5521-2775

**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

**keldax.dupont.com**  
**email: pip@dupont.com**

*Copyright © 2007 DuPont. All rights reserved. The technical data herein are guides to the use of DuPont resins. The advice contained herein is based upon tests and information believed to be reliable, but users should not rely upon it absolutely for specific applications because performance properties will vary from lot to lot and with processing conditions. It is given and accepted at user's risk and confirmation of its validity and suitability in particular cases*

*This publication is not to be taken as a license to operate under, or recommendation to infringe, any patents. CAUTION: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see DuPont Medical Caution Statement, H-50102.*

*The DuPont Oval, DuPont™, The miracles of science™, and Keldax®*

should be obtained independently. The DuPont Company makes no guarantees of results and assumes no obligations or liability in connection with its advice. are trademarks or registered trademarks of DuPont or its affiliates.

Copyright© 1995-2007. E.I. duPont de Nemours and Company. All Rights Reserved.

This data sheet is effective as of 02/05/2007 01:56:18 PM and supersedes all previous versions.



*The miracles of science™*