

	Ultramid®	
Product Information		
	TG7S	BASF The Chemical Company
Oct 2009		
	Polyamide	
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Product Description

Ultramid TG7S is a 34% glass reinforced, heat stabilized, impact modified PA6 injection molding grade. It was developed to meet the demanding requirements of the first North American seat cushion pan/frame to be made of an engineering plastic as opposed to metal. TG7S exhibits improved strength, stiffness and notched impact properties over Ultramid 8333G HI.

Applications

Include cushion seat pan/frame and other automotive seating applications, automotive fan, power tools and trimmer components.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm ³	1183	1.37	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile stress at break, MPa	527		
-40°C		251	-
23°C		170	-
80°C		97	-
121°C		77	-
Tensile strain at break, %	527		
23°C		3.3	-
Flexural Modulus, MPa	178		
23°C		8,400	-
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m ²	180		
23°C		26	-
-40°C		18	-
Charpy Notched, kJ/m ²	179		
23°C		23	-
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, °C	3146	220	-

HDT A, ° C	75	203	-
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Dongguan Yi-Ming Plastic Chemical Co., Ltd.

如需要更多物性资料请查阅 www.kedisujiao.com

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