Thermylene® P6-40FG-0700

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description			
This polyproplylene compound has been designed for enhanced impact resistance.			
General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight		
Features	• Good Impact Resistance		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress	11600	psi	ISO 527-2
Flexural Modulus	1.04E+6	psi	ISO 178
Flexural Stress	18000	psi	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (73°F)	8.1	ft·lb/in²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (264 psi, Unannealed)	293	°F	ISO 75-2/A