

## Thermylene® P8-40FG-1610

Asahi Kasei Plastics North America Inc. - *Polypropylene*

### General Information

#### Product Description

This is a 40% fiber glass reinforced polypropylene performance compound designed for replacement of engineered compounds in structural applications

#### General

Material Status	• Commercial: Active
Availability	• Africa & Middle East      • Europe • Asia Pacific                      • Latin America                      • North America
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight
Uses	• Structural Parts

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	15200	psi	ISO 527-2
Flexural Modulus	1.15E+6	psi	ISO 178
Flexural Stress	23200	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.3	ft·lb/in <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	298	°F	ISO 75-2/A

