

Thermylene® P8-32FG-2610

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This performance compound has been optimized for use in structural applications. This high strength material has excellent creep resistance and has been heat stabilized for higher temperature applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 32% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Creep Resistant	• Heat Stabilized	• High Strength
Automotive Specifications	• GM GMW15702-150049	• STELLANTIS MS-DB-500 CPN 4825	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	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	12800	psi	ISO 527-2
Flexural Modulus	986000	psi	ISO 178
Flexural Stress	20000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.8	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	297	°F	ISO 75-2/A

