



Thermylene® P8-32FG-2610

Asahi Kasei Plastics North America Inc. - Polypropylene

Wednesday, July 29, 2015

General Information

Product Description

PP-GF32
32% Glass Fiber Reinforcement

General

Filler / Reinforcement	• Glass Fiber, 32% Filler by Weight
Automotive Specifications	• CHRYSLER MS-DB-500 CPN 4825 • GM GMW15702-150049

ASTM & ISO 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	885000	psi	ISO 178
Flexural Stress	19300	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.7	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	293	°F	ISO 75-2/A

Notes

¹ Typical properties: these are not to be construed as specifications.