



Thermylon® N3-30FG-1626

Asahi Kasei Plastics North America Inc. - Polyamide 66

Monday, November 4, 2019

General Information

Product Description

PA66-GF30
30% Glass Fiber Reinforcement

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Automotive Specifications	• CHRYSLER MS-DB-41 CPN3878 • GM GMW3038P-PA66-GF30H Color: Black • GM GMW3038P-PA66-GF30J Color: Natural • GM GMW3038P-PA66-GF30H Color: Black • GM GMW3038P-PA66-GF30J Color: Natural

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	25700	psi	ISO 527-2
Flexural Modulus	1.20E+6	psi	ISO 178
Flexural Stress	38100	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.2	ft-lb/in ²	ISO 179
Notched Izod Impact Strength	4.8	ft-lb/in ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	473	°F	ISO 75-2/A

Notes

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