



Thermylon® N3-33FG-1626

Asahi Kasei Plastics North America Inc. - Polyamide 66

Monday, November 4, 2019

General Information

Product Description

PA66-GF33
33% Glass Fiber Reinforcement

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 33% Filler by Weight
Automotive Specifications	• CHRYSLER MS-DB-41 CPN1900 • FORD WSK-M4D663-A • GM GMP.PA66.013 Color: Black • FORD ESE-M4D287-B

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.39	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	26100	psi	ISO 527-2
Flexural Modulus	1.26E+6	psi	ISO 178
Flexural Stress	38300	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.8	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 (66 psi, Unannealed)	489	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	473	°F	ISO 75-2/A

Notes

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