

CP PRYME® Nylon 66 NN133GLUV (Dry) Polyamide 66



Prospector

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber Reinforcement, 33% Filler by Weight
Additive	• Lubricant • UV Stabilizer
Features	• Lubricated
Appearance	• Natural Color
Forms	• Pellets

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	179	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	8960	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	262	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	123	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	260	°C	
1.8 MPa, Unannealed	246	°C	

Notes

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