

# Spartech Polycom NY6940 B12

Polyamide 6  
Spartech Polycom

Message:

NY6940 B12 - 40% Glass/Mica reinforced Nylon 6 black compound offers a balance between stiffness and impact resistance in addition to excellent processability.

General Information			
Filler / Reinforcement	Glass/mica, 40% filler by weight		
Features	Rigid, good		
	Impact resistance, good		
	Workability, good		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	110	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.0	%	ISO 527-2
Flexural Modulus - Secant (23°C)	6200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	4.0	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	200	°C	ISO 75-2/A

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