

PA6 GF50HSL BK

Nylon 6, 50% Glass Reinforced, Heat Stabilized, Lubricated

Property	Test Method	Units	Value
			DAM
Mechanical			
Tensile Stress	ISO 527-2	MPa	205
Tensile Strain @ break	ISO 527-2	%	2
Flexural Modulus	ISO 178	MPa	14,750
Notched Izod Impact	ISO 180/1A	kJ/m ²	12
Thermal			
Heat Deflection Temperature 1.8 Mpa (264 psi)	ISO 75-2/A	°C	212
Melting Point	ISO 11357-3	°C	219
Other			
Specific Gravity	ISO 1183	g/cm ³	1.55
Processing			
Melt Temperature Range		°C	280-310
Mold Temperature Range		°C	65-120
Processing Moisture Content		%	<0.20

Mechanical properties measured at 23°C

Contact JEDA Polymers, LLC. for MSDS, general guidelines and/or additional information about ventilation, handling, purging, drying, etc.

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