

# TECHNYL® 2912GMH7-P BLACK

Polyamide 66

Solvay Engineering Plastics

## Message:

Polyamide 66, reinforced with 63% of glass fiber for injection molding

General Information			
Filler / Reinforcement	Glass Fiber,63% Filler by Weight		
Features	Good Surface Finish		
Uses	Automotive Applications		
Appearance	Black Colors Available		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA66-GF63<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.72	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			Internal Method
Across Flow	0.45	%	
Flow	0.25	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	215	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	17000	MPa	ASTM D790
Flexural Strength	310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	220	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	220	°C	ASTM D648
Peak Melting Temperature	262	°C	ASTM D3418
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Suggested Max Moisture	0.20	%	
Rear Temperature	260 to 265	°C	
Middle Temperature	265 to 275	°C	
Front Temperature	280 to 290	°C	
Mold Temperature	80.0 to 100	°C	

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### Recommended distributors for this material

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