

# ARC ARC60G13

Polyamide 6  
ARC Resin Corporation

Message:

ARC ARC60G13 is a Polyamide 6 (Nylon 6) material filled with 13% glass fiber. It is available in North America. Primary attribute of ARC ARC60G13: Lubricated.

General Information			
Filler / Reinforcement	Glass Fiber,13% Filler by Weight		
Additive	Lubricant		
Features	Lubricated		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	82.7	MPa	ASTM D638
Tensile Elongation (Break)	6.0	%	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790
Flexural Strength	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	210	°C	
1.8 MPa, Unannealed	199	°C	
Peak Melting Temperature	218	°C	ASTM D789

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Recommended distributors for this material

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