

ARC ARC60G33

Polyamide 6
ARC Resin Corporation

Message:

ARC ARC60G33 is a Polyamide 6 (Nylon 6) material filled with 33% glass fiber. It is available in North America. Primary attribute of ARC ARC60G33: Lubricated.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Lubricant		
Features	Lubricated		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	138	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Flexural Strength	193	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	85	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	204	°C	
Peak Melting Temperature	218	°C	ASTM D789

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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