

ARC ARC6604

Polyamide 66
ARC Resin Corporation

Message:

ARC ARC6604 is a Polyamide 66 (Nylon 66) material. It is available in North America.
Important attributes of ARC ARC6604 are:
Impact Modified
Lubricated

General Information			
Additive	Impact Modifier		
	Lubricant		
Features	Impact Modified		
	Lubricated		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.4 to 1.9	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	517	MPa	ASTM D638
Tensile Elongation (Break)	65	%	ASTM D638
Flexural Modulus	172	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	221	°C	
1.8 MPa, Unannealed	73.9	°C	
Peak Melting Temperature	257	°C	ASTM D789

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