

# ARC ARC5027

Acetal (POM) Copolymer  
ARC Resin Corporation

Message:

ARC ARC5027 is an Acetal (POM) Copolymer material. It is available in North America. Primary attribute of ARC ARC5027: Copolymer.

General Information			
Features	Copolymer		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			ASTM D955
Flow	2.4	%	
Across Flow	1.7	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	64.1	MPa	ASTM D638
Tensile Elongation (Break)	25 to 35	%	ASTM D638
Flexural Modulus	2480	MPa	ASTM D790
Flexural Strength	91.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	64 to 75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648
Peak Melting Temperature	160 to 165	°C	ASTM D789

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Recommended distributors for this material


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