

ARC ARC50H

Acetal (POM) Homopolymer

ARC Resin Corporation

Message:

ARC ARC50H is an Acetal (POM) Homopolymer material. It is available in North America.

Important attributes of ARC ARC50H are:

Homopolymer

Medium Viscosity

General Information			
Features	Homopolymer		
	Medium Viscosity		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Molding Shrinkage - Flow	2.0 to 2.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	72.4	MPa	ASTM D638
Tensile Elongation (Break)	25 to 35	%	ASTM D638
Flexural Modulus	2900	MPa	ASTM D790
Flexural Strength	102	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	85 to 96	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	135	°C	ASTM D648
Peak Melting Temperature	170 to 175	°C	ASTM D789

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Recommended distributors for this material

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