

# NEXT SIGNATURE POMC MF-300

Acetal (POM) Copolymer  
NEXT Specialty Resins, Inc.

Message:

NEXT SIGNATURE POMC MF-300 is an Acetal (POM) Copolymer material. It is available in North America for injection molding.  
Important attributes of NEXT SIGNATURE POMC MF-300 are:  
Copolymer  
Medium Viscosity  
Typical applications include:  
Appliances  
Electrical/Electronic Applications

General Information			
Features	Copolymer		
	Medium Viscosity		
Uses	Appliance Components		
	Electrical/Electronic Applications		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	9.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.6	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	67	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	107	°C	ASTM D648

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Recommended distributors for this material

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