

# NEXT SIGNATURE POMC HF-100

Acetal (POM) Copolymer  
NEXT Specialty Resins, Inc.

Message:

NEXT SIGNATURE POMC HF-100 is an Acetal (POM) Copolymer material. It is available in North America.  
Important attributes of NEXT SIGNATURE POMC HF-100 are:  
Copolymer  
Fast Molding Cycle  
Good Processability  
High Flow  
Typical applications include:  
Appliances  
Electrical/Electronic Applications

General Information			
Features	Copolymer		
	Fast Molding Cycle		
	Good Moldability		
	High Flow		
Uses	Appliance Components		
	Electrical/Electronic Applications		
Appearance	Natural Color		
Forms	Pellets		
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 Modulus	2240	MPa	ASTM D638
Tensile Strength	58.6	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	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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