

# NEXT SIGNATURE CA MG-100

Cellulose Acetate  
NEXT Specialty Resins, Inc.

Message:

NEXT SIGNATURE CA MG-100 is a Cellulose Acetate (CA) material. It is available in North America.  
Important attributes of NEXT SIGNATURE CA MG-100 are:  
Clarity  
Eco-Friendly/Green  
Good Toughness

General Information			
Features	Good Strength		
	Good Toughness		
	Medium Clarity		
	Renewable Resource Content		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	41.4	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	1930	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	64.4	°C	ASTM D648

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Recommended distributors for this material

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