

CERTENE™ 709 SAN

Styrene Acrylonitrile
Muehlstein

Message:
CERTENE™ 709 SAN is a Styrene Acrylonitrile (SAN) material. It is available in North America.

General Information			
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm³	ASTM D792
Specific Volume	0.930	cm³/g	
Acrylonitrile Content	29.5	%	
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4710	MPa	ISO 527-2
Tensile Stress (Break)	58.0	MPa	ISO 527-2
Flexural Modulus	3760	MPa	ISO 178
Flexural Stress ¹	91.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	1.5	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	106	°C	ISO 306/A120
--	99.5	°C	ISO 306/B50
--	102	°C	ISO 306/B120
NOTE			

1. Yield

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Recommended distributors for this material

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