

CERTENE™ 705 SAN

Styrene Acrylonitrile
Muehlstein

Message:

CERTENE™ 705 SAN is a Styrene Acrylonitrile (SAN) material. It is available in North America.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	7.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.40	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	83		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3280	MPa	ASTM D638
Tensile Strength (Break)	72.4	MPa	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790
Flexural Strength (Yield)	115	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	96.1	°C	ASTM D648
Vicat Softening Temperature	106	°C	ISO 306/B50

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Recommended distributors for this material

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