

CERTENE™ 1320

High Impact Polystyrene

Muehlstein

Message:

CERTENE™ 1320 is a High Impact Polystyrene material. It is available in North America. Primary attribute of CERTENE™ 1320: Impact Resistant.

General Information			
Features	High Impact Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	14	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2280	MPa	ASTM D638
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	81.1	°C	ASTM D648
Vicat Softening Temperature	93.3	°C	ASTM D1525 ¹
NOTE			

1. Rate B (120°C/h)

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Recommended distributors for this material

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