

CERTENE™ 325

High Impact Polystyrene

Muehlstein

Message:

CERTENE ® 325 is a high impact polystyrene formulated for applications requiring high impact and stiffness. Common uses include profile extrusion and packaging applications.

General Information			
Features	Rigidity, high		
	Impact resistance, high		
Uses	Packaging		
	Profile		
Forms	Particle		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ASTM D638
Tensile Strength (Yield)	26.9	MPa	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	189	°C	ASTM D648
Vicat Softening Temperature	101	°C	ASTM D1525

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