

# Toler PS PS8000

General Purpose Polystyrene

Toler Chemical, Inc

Message:

Toler PS PS8000 is a General Purpose Polystyrene product. It is available in North America. Primary characteristic: crystalline.

General Information			
Features	Crystal		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.0 to 10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	48.3	MPa	ASTM D638
Tensile Elongation (Yield)	3.1	%	ASTM D638
Flexural Modulus	3120	MPa	ASTM D790
Flexural Strength (Yield)	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	20	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	93.0	°C	ASTM D648
Vicat Softening Temperature	105	°C	ASTM D1525

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