

# Hyrene® PSCRY 1.5

General Purpose Polystyrene

Entec Polymers

## Message:

Hyrene® PSCRY 1.5 is a General Purpose Polystyrene material. It is available in North America. Primary attribute of Hyrene® PSCRY 1.5: RoHS Compliant.  
Typical application of Hyrene® PSCRY 1.5: Food Contact Applications

General Information			
Features	General Purpose		
Agency Ratings	FDA 21 CFR 177.1640		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C, Injection Molded)	52.4	MPa	ASTM D638
Flexural Modulus (23°C, Injection Molded)	3190	MPa	ASTM D790
Flexural Strength (23°C, Injection Molded)	98.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	88.9	°C	ASTM D648
Vicat Softening Temperature	108	°C	ASTM D1525 <sup>1</sup>
NOTE			
1.	Rate A (50°C/h), Loading 1 (10 N)		

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## Recommended distributors for this material

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