

Hyrene® PSCRY 8

General Purpose Polystyrene

Entec Polymers

Message:

Hyrene® PSCRY 8 is a General Purpose Polystyrene material. It is available in North America. Primary attribute of Hyrene® PSCRY 8: RoHS Compliant.
Typical application of Hyrene® PSCRY 8: 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 ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C, Injection Molded)	44.8	MPa	ASTM D638
Flexural Modulus (23°C, Injection Molded)	3390	MPa	ASTM D790
Flexural Strength (23°C, Injection Molded)	78.6	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	87.8	°C	ASTM D648
Vicat Softening Temperature	103	°C	ASTM D1525 ¹
NOTE			

1. Rate A (50°C/h), Loading 1 (10 N)

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Recommended distributors for this material

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