

Hyrene® PS-CRY3

General Purpose Polystyrene

Entec Polymers

Message:

Hyrene® PS-CRY3 is a general-purpose polystyrene material. This product is available in North America. Hyrene® The main features of the PS-CRY3 are: ROHS certification.

Hyrene® Typical application areas of PS-CRY3 are: food contact applications

General Information			
Features	General		
Agency Ratings	FDA 21 CFR 177.1640		
RoHS Compliance	RoHS compliance		
Forms	Particle		
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)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	50.0	MPa	ASTM D638
Flexural Modulus (23°C)	3300	MPa	ASTM D790
Flexural Strength (23°C)	91.4	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	88.3	°C	ASTM D648
Vicat Softening Temperature	107	°C	ASTM D1525 ¹
NOTE			

1. 速率 A (50°C/h), 压力 1 (10N)

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Recommended distributors for this material

Susheng Import & Export Trading Co., Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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