

# Hyrene® PS-HI 16/2

High Impact Polystyrene

Entec Polymers

Message:

POLYSTYRENE, HIGH IMPACT, HIGH FLOW  
FDA 21 CFR 177.1640 Compliant

General Information			
Features	Impact resistance, high		
	High liquidity		
Agency Ratings	FDA 21 CFR 177.1640		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	16	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C, Injection Molded)	25.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C, Injection Molded)	65	%	ASTM D638
Flexural Modulus (23°C, Injection Molded)	2350	MPa	ASTM D790
Flexural Strength (23°C, Injection Molded)	40.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	94.0	°C	ASTM D1525 <sup>1</sup>
NOTE			

1. 速率 A (50°C/h), 压 力1 (10N)

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## Recommended distributors for this material

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