

# Cevian®-PS 20

General Purpose Polystyrene  
PlastxWorld Inc.

Message:

Cevian® -PS 20 is a general-purpose polystyrene product. It is available in North America. The main characteristics are: flame retardant/rated flame.

General Information			
Features	General		
Uses	General		
Appearance	Black		
	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/5.0 kg)	10	g/10 min	ISO 1133
Molding Shrinkage	0.40 - 0.80	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	80		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	43.0	MPa	ISO 527-2
Flexural Modulus	3100	MPa	ISO 178
Flexural Stress	84.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	1.4	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	98.0	°C	ISO 306/A50
--	90.0	°C	ISO 306/B50
--	92.0	°C	ISO 306/B120
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
Additional Information			

The value listed as Mold Shrinkage, ISO 294, was tested in accordance with ISO 2577.

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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

