

Cevian®-PS R65

High Impact Polystyrene

PlastxWorld Inc.

Message:

Cevian®-PS R65 is a high impact polystyrene product. It is available in North America.

Features include:

flame retardant/rated flame

Impact resistance

General Information			
Features	Impact resistance, high		
Appearance	Black		
	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/5.0 kg)	4.0	g/10 min	ISO 1133
Molding Shrinkage	0.40 - 0.80	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (L-Scale)	73		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	30.0	MPa	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress	49.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	8.5	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	102	°C	ISO 306/A50
--	93.0	°C	ISO 306/B50
--	95.0	°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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