

# 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 <sup>3</sup>	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 <sup>2</sup>	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	Unit	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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