

Sicostirolo[®] CR H 3444-CV

High Impact Polystyrene
Industrial Quality Compound

Description:

HIPS general purpose compound, black

General

MFI (200°C/5kg)	ISO 1133	6	g/10min
Density	ISO 1183	1.05	g/cm ³
Linear mould shrinkage	ASTM D955	0.4-0.7	%

Thermal

Vicat softening point (A50(10N))	ISO 306	92	°C
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Mechanical

Izod notched impact strength (23°C)	ISO 180/A	7	kJ/m ²
Tensile stress at yield	ISO 527	24	MPa
Tensile stress at break	ISO 527	18	MPa
Elongation at break	ISO 527	15	%
Flex modulus	ISO 178	2100	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Glow wire flammability index (2,0mm)	IEC 606243-2-12	650	°C
Flammability (1,6mm)	UL94	HB	

Remark:

Preliminary Datasheet

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. Ravago industrial quality compounds are totally or partially produced with non-prime quality ingredients. Even though the selection of the raw materials, the production and the quality control is being done following to the common best practices, it is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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