

# **Sicostirolo<sup>®</sup> CR H 3444**

High Impact Polystyrene  
Industrial Quality Compound

## **Description:**

PS compound, high impact, black

## **General**

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

## **Thermal**

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

## **Mechanical**

|                                     |         |      |                   |
|-------------------------------------|---------|------|-------------------|
| Izod notched impact strength (23°C) | ISO 180 | 7    | kJ/m <sup>2</sup> |
| Tensile stress at yield             | ISO 527 | 15   | MPa               |
| Tensile stress at break             | ISO 527 | 12   | MPa               |
| Elongation at break                 | ISO 527 | 10   | %                 |
| Flex modulus                        | ISO 178 | 2200 | MPa               |

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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