

ESTYRENICS 514

High Impact Polystyrene

PCC Plastics & Consultations Center

Message:

ESTYRENICS 514 is a High Impact Polystyrene product. It is available in Africa & Middle East or Europe. Applications of ESTYRENICS 514 include containers, consumer goods, household applications and sheet. Primary characteristic: impact resistant.

General Information

Features	High Impact Resistance
Uses	Consumer Applications Containers Food Containers Household Goods Sheet

Physical

	Nominal Value	Unit
Density	1.03	g/cm ³
Melt Volume-Flow Rate (MVR)	10.0	cm ³ /10min

Mechanical

	Nominal Value	Unit
Tensile Modulus	2100	MPa
Tensile Strength (Break)	26.0	MPa
Tensile Elongation (Break)	50	%
Flexural Strength	40.0	MPa

Impact

	Nominal Value	Unit
Charpy Unnotched Impact Strength	8.0	kJ/m ²

Thermal

	Nominal Value	Unit
Vicat Softening Temperature	85.0	°C
Deflection Temperature	74	°C
Residual Monomer	200	ppm

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Recommended distributors for this material

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