

# ESTYRENICS 641

High Impact Polystyrene

PCC Plastics & Consultations Center

## Message:

ESTYRENICS 641 is a High Impact Polystyrene product. It is available in Africa & Middle East or Europe. Applications of ESTYRENICS 641 include containers, consumer goods, household applications and sheet. Primary characteristic: impact resistant.

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

Physical	Nominal Value	Unit
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Density	1.03	g/cm <sup>3</sup>
Melt Volume-Flow Rate (MVR)	2.50	cm <sup>3</sup> /10min

Mechanical	Nominal Value	Unit
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Tensile Modulus	1800	MPa
Tensile Strength (Break)	28.0	MPa
Tensile Elongation (Break)	40	%
Flexural Strength	44.0	MPa

Impact	Nominal Value	Unit
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Charpy Unnotched Impact Strength	10	kJ/m <sup>2</sup>
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Thermal	Nominal Value	Unit
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Vicat Softening Temperature	96.0	°C
Deflection Temperature	87	°C
Residual Monomer	200	ppm

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## Recommended distributors for this material

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