

# ESTYRENICS 123

General Purpose Polystyrene  
PCC Plastics & Consultations Center

Message:

ESTYRENICS 123 is a General Purpose Polystyrene product. It is available in Africa & Middle East or Europe. Applications of ESTYRENICS 123 include containers, medical/healthcare, consumer goods, film and household applications.

General Information	
Features	General Purpose
Uses	Consumer Applications
	Containers
	Film
	Food Containers
	General Purpose
	Household Goods
	Medical Devices
	Medical Packaging
	Medical/Healthcare Applications
	Sheet
	Thin-walled Containers
	Toys

Physical	Nominal Value	Unit
Density	1.04	g/cm <sup>3</sup>
Melt Volume-Flow Rate (MVR)	10.0	cm <sup>3</sup> /10min
Mechanical	Nominal Value	Unit
Tensile Modulus	3200	MPa
Tensile Strength (Break)	50.0	MPa
Tensile Elongation (Break)	2.0	%
Flexural Strength	80.0	MPa
Impact	Nominal Value	Unit
Charpy Unnotched Impact Strength	10	kJ/m <sup>2</sup>
Thermal	Nominal Value	Unit
Vicat Softening Temperature	88.0	°C
Deflection Temperature	78	°C
Residual Monomer	200	ppm

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