

ESTYRENICS 251

General Purpose Polystyrene
PCC Plastics & Consultations Center

Message:

ESTYRENICS 251 is a General Purpose Polystyrene product. It is available in Africa & Middle East or Europe. Applications of ESTYRENICS 251 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	1.05	g/cm ³
Melt Volume-Flow Rate (MVR)	2.50	cm ³ /10min
Mechanical	Nominal Value	Unit
Tensile Modulus	3300	MPa
Tensile Strength (Break)	55.0	MPa
Tensile Elongation (Break)	3.0	%
Flexural Strength	100	MPa
Impact	Nominal Value	Unit
Charpy Unnotched Impact Strength	14	kJ/m ²
Thermal	Nominal Value	Unit
Vicat Softening Temperature	101	°C
Deflection Temperature	90	°C
Residual Monomer	200	ppm

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