

ESTYRENICS 116

General Purpose Polystyrene

PCC Plastics & Consultations Center

Message:

ESTYRENICS 116 is a General Purpose Polystyrene product. It is available in Africa & Middle East or Europe. Applications of ESTYRENICS 116 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 ³
Melt Volume-Flow Rate (MVR)	23.0	cm ³ /10min
Mechanical	Nominal Value	Unit
Tensile Modulus	3100	MPa
Tensile Strength (Break)	40.0	MPa
Tensile Elongation (Break)	1.5	%
Flexural Strength	70.0	MPa
Impact	Nominal Value	Unit
Charpy Unnotched Impact Strength	9.0	kJ/m ²
Thermal	Nominal Value	Unit
Vicat Softening Temperature	85.0	°C
Deflection Temperature	75	°C
Residual Monomer	200	ppm

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

