

ESTYRENICS 442

High Impact Polystyrene

PCC Plastics & Consultations Center

Message:

ESTYRENICS 442 is a High Impact Polystyrene product. It is available in Africa & Middle East or Europe. Applications of ESTYRENICS 442 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	1.04	g/cm ³
Melt Volume-Flow Rate (MVR)	5.70	cm ³ /10min

Mechanical	Nominal Value	Unit
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Tensile Modulus	2450	MPa
Tensile Strength (Break)	28.0	MPa
Tensile Elongation (Break)	45	%
Flexural Strength	45.0	MPa

Impact	Nominal Value	Unit
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Charpy Unnotched Impact Strength	7.0	kJ/m ²
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Thermal	Nominal Value	Unit
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Vicat Softening Temperature	94.0	°C
Deflection Temperature	85	°C
Residual Monomer	200	ppm

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Recommended distributors for this material

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



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