

ESTASTIR HG 0808

High Impact Polystyrene

Cossa Polimeri S.r.l.

Message:

ESTASTIR HG 0808 is a High Impact Polystyrene product. It is available in Europe. Applications of ESTASTIR HG 0808 include business/office goods and household applications.

Characteristics include:

Flame Rated

Good Processability

High Gloss

Impact Resistant

General Information			
Features	Good Processability High Gloss High Impact Resistance		
Uses	Bathroom Accessories Business Equipment		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	29.0	MPa	
Break	25.0	MPa	
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	50	J/m	
23°C	70	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	96.0	°C	ASTM D1525 ¹
--	88.0	°C	ASTM D1525 ²
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	HB		

3.20 mm

HB

NOTE

1. Rate A (50°C/h), Loading 1 (10 N)
2. Rate A (50°C/h), Loading 2 (50 N)

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