

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	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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