

ESTASTIR HI 10 V0

High Impact Polystyrene

Cossa Polimeri S.r.l.

Message:

ESTASTIR HI 10 V0 is a High Impact Polystyrene product. It can be processed by extrusion or injection molding and is available in Europe. Applications of ESTASTIR HI 10 V0 include electrical/electronic applications and housings.

Characteristics include:

Flame Rated

Flame Retardant

General Information	
UL YellowCard	E194157-227564
Features	Brominated Flame Retardant
Uses	Electrical/Electronic Applications Television Housings
Forms	Pellets
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	5.0	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	26.0	MPa	
Break	22.0	MPa	
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	70	J/m	
23°C	100	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	99.0	°C	ASTM D1525 ¹
--	89.0	°C	ASTM D1525 ²
Flammability	Nominal Value	Unit	Test Method

Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Ignition Temperature (2.00 mm)	960	°C	IEC 60695-2-13

NOTE


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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT