

ESTADIENE 1218 HT V0

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

Message:

ESTADIENE 1218 HT V0 is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Europe. Applications of ESTADIENE 1218 HT V0 include electrical/electronic applications, engineering/industrial parts and furniture.

Characteristics include:

- Flame Rated
- Flame Retardant
- Good Aesthetics
- Good Processability
- Heat Resistant

General Information			
Features	Flame Retardant		
	Good Impact Resistance		
	Good Processability		
	Good Surface Finish		
	High Heat Resistance		
Uses	Electrical/Electronic Applications		
	Engineering Parts		
	Furniture		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
220°C/10.0 kg	5.0	g/10 min	
240°C/5.0 kg	18	g/10 min	
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	47.0	MPa	
Break	40.0	MPa	
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	2600	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			
--	123	°C	ASTM D1525 ¹
--	114	°C	ASTM D1525 ²
Ball Indentation Temperature	105	°C	IEC 60335-1
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)		

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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

