

ESTADIENE 1218 V0/B

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

Message:

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

Characteristics include:

- Flame Rated
- Flame Retardant
- Good Aesthetics
- Good Processability
- Halogen Free

General Information			
Features	Bromine Free		
	Flame Retardant		
	Good Impact Resistance		
	Good Processability		
	Good Surface Finish		
Uses	Electrical/Electronic Applications		
	Furniture		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	45	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	45.0	MPa	
Break	40.0	MPa	
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	90	J/m	
23°C	120	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	95.0	°C	ASTM D1525 ¹
--	85.0	°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)

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