

ESTADIENE 3520

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

Message:

ESTADIENE 3520 is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Europe. Applications of ESTADIENE 3520 include appliances and automotive.

Characteristics include:

- Flame Rated
- Impact Resistant
- Good Aesthetics
- Good Processability
- High Flow

General Information			
Features	Good Processability		
	Good Surface Finish		
	High Flow		
	High Impact Resistance		
	Low Temperature Impact Resistance		
Uses	Appliances		
	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	25	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	40.0	MPa	
Break	35.0	MPa	
Tensile Elongation (Break)	25	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	300	J/m	
23°C	350	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	105	°C	ASTM D1525 ¹
--	96.0	°C	ASTM D1525 ²

Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
Glow Wire Ignition Temperature (2.00 mm)	650	°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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