

# ESTADIENE 1050 AS

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

Message:

ESTADIENE 1050 AS is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Europe.

Characteristics include:

- Flame Rated
- Antistatic
- Good Processability
- Good Stiffness
- High Flow

General Information			
Additive	Antistatic		
Features	Antistatic		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	High Flow		
	High Gloss		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	50	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	45.0	MPa	
Break	40.0	MPa	
Tensile Elongation (Break)	12	%	ASTM D638
Flexural Modulus	2700	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	80	J/m	
23°C	110	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	103	°C	ASTM D1525 <sup>1</sup>
--	94.0	°C	ASTM D1525 <sup>2</sup>
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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