

# ESTADIENE 1640 AS

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

## Message:

ESTADIENE 1640 AS is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Europe. Applications of ESTADIENE 1640 AS include appliances, furniture and household applications.

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		
Uses	Appliances		
	Bathroom Accessories		
	Furniture		
	General Purpose		
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)	40	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	44.0	MPa	
Break	39.0	MPa	
Tensile Elongation (Break)	18	%	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	130	J/m	
23°C	160	J/m	

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	102	°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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#### Recommended distributors for this material

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