ESTADIENE 1640 AS

Acrylonitrile Butadiene Styrene **Cossa Polimeri S.r.l.**

Technical Data

Product Description

ABS general purpose, good impact resistance, high melt flow rate, high gloss, with antistatic, excellent processability.

Domestic appliances, bath furniture, office furniture.

General				
Material Status	Commercial: Active			
Literature ¹	Technical Datasheet (English)			
Search for UL Yellow Card	 Cossa Polimeri S.r.I. 			
Availability	 Europe 			
Additive	 Antistatic 			
Features	AntistaticExcellent Processability	General PurposeGood Impact Resistance	High FlowHigh Gloss	
Uses	 Appliances Bathroom Accessories	FurnitureGeneral Purpose		
Forms	Pellets			

Physical	Nominal Value Unit	Test Method
Density / Specific Gravity ³	1.05 g/cm ³	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 4
	94.0 °C	ASTM D1525 5
Flammability	Nominal Value Unit	Test Method
Flame Rating		UL 94
1.6 mm	HB	
3.2 mm	HB	
Glow Wire Ignition Temperature (2.0 mm)	650 °C	IEC 60695-2-13

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ 23°C

⁴ Rate A (50°C/h), Loading 1 (10 N)

⁵ Rate A (50°C/h), Loading 2 (50 N)



1 of 2

UL and the UL logo are trademarks of UL LLC © 2018. All Rights Reserved. UL Prospector | 800-788-4668 or 307-742-9227 | www.ulprospector.com.

The information presented here was acquired by UL from the producer of the product or material or original information provider. However, UL assumes no responsibility or liability for the accuracy of the information contained on this website and strongly encourages that upon final product or material selection information is validated with the manufacturer. This website provides links to other websites owned by third parties. The content of such third party sites is not within our control, and we cannot and will not take responsibility for the information or content.

PROSPECTOR®

www.ulprospector.com

ESTADIENE 1640 AS

Acrylonitrile Butadiene Styrene Cossa Polimeri S.r.l.

Where to Buy

Supplier

Cossa Polimeri S.r.I. , Italy Telephone: +39-331-607811 Web: http://www.cossapolimeri.it/

Distributor

Please contact the supplier to find a distributor for ESTADIENE 1640 AS



2 of 2

UL and the UL logo are trademarks of UL LLC © 2018. All Rights Reserved. UL Prospector | 800-788-4668 or 307-742-9227 | www.ulprospector.com.

The information presented here was acquired by UL from the producer of the product or material or original information provider. However, UL assumes no responsibility or liability for the accuracy of the information contained on this website and strongly encourages that upon final product or material selection information is validated with the manufacturer. This website provides links to other websites owned by third parties. The content of such third party sites is not within our control, and we cannot and will not take responsibility for the information or content. Form No. TDS-81020-en Document Created: Sunday, January 14, 2018 Added to Prospector: January 2005 Last Updated: 4/12/2017

