

ESTADIENE 1020 HHT

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

Message:

ESTADIENE 1020 HHT is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Europe. Applications of ESTADIENE 1020 HHT include appliances, automotive and engineering/industrial parts.

Characteristics include:

- Flame Rated
- Good Aesthetics
- Good Processability
- Good Stiffness
- Heat Resistant

General Information			
Features	Good Flow		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Good Surface Finish		
	High Heat Resistance		
Uses	Appliances		
	Automotive Applications		
	Engineering Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	9.0	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	55.0	MPa	
Break	45.0	MPa	
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	2700	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	150	J/m	
23°C	200	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			

--	120	°C	ASTM D1525 ¹
--	112	°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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