ESTADIENE 0420 HHT

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

Message:

ESTADIENE 0420 HHT is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by extrusion or injection molding and is available in Europe.
Applications of ESTADIENE 0420 HHT include engineering/industrial parts and sheet.
Characteristics include:
Flame Rated
Heat Resistant
Impact Resistant

General Information	
Features	Good Impact Resistance
	High Heat Resistance
Uses	Engineering Parts
	Profiles
	Sheet
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

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)	4.0	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	58.0	MPa	
Break	45.0	MPa	
Tensile Elongation (Break)	10	%	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			
--	125	°C	ASTM D1525 [1]
--	115	°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)		

Recommended distributors for this material

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WECHAT