

ESTADIENE 3510 HT

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

Message:

ESTADIENE 3510 HT is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Europe. Applications of ESTADIENE 3510 HT include automotive and engineering/industrial parts.

Characteristics include:

- Flame Rated
- Impact Resistant
- Good Processability
- Heat Resistant

General Information			
Features	Good Processability		
	High Heat Resistance		
	High Impact Resistance		
	Low Temperature Impact Resistance		
Uses	Automotive Applications		
	Engineering Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	10	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	35.0	MPa	
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	300	J/m	
23°C	350	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	114	°C	ASTM D1525 ¹
--	105	°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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