

ESTABLEND PC ABS 4501 V0

Polycarbonate + ABS

Cossa Polimeri S.r.l.

Message:

ESTABLEND PC ABS 4501 V0 is a Polycarbonate + ABS (PC+ABS) product. It is available in Europe. Typical application: Electrical/Electronic Applications.

Characteristics include:

Flame Rated

Flame Retardant

Good Processability

Heat Resistant

General Information			
Features	Flame Retardant		
	Good Processability		
	Medium Gloss		
	Medium Heat Resistance		
Uses	Electrical/Electronic Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
240°C/5.0 kg	9.0	g/10 min	
260°C/5.0 kg	18	g/10 min	
Molding Shrinkage - Flow	0.50 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 (Yield)	6.0	%	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	80	J/m	
23°C	100	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	121	°C	ASTM D1525 ¹
--	113	°C	ASTM D1525 ²
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		

3.20 mm	V-0		
Glow Wire Ignition Temperature	960	°C	IEC 60695-2-13
NOTE			
1.	Loading 1 (10 N)		
2.	Loading 2 (50 N)		

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