

ESTABLEND PC ABS 4502 V0

Polycarbonate + ABS

Cossa Polimeri S.r.l.

Message:

ESTABLEND PC ABS 4502 V0 is a Polycarbonate + ABS (PC+ABS) product. It is available in Europe. Applications of ESTABLEND PC ABS 4502 V0 include electrical/electronic applications and furniture.

Characteristics include:

Flame Rated

Flame Retardant

Good Processability

Heat Resistant

General Information			
Features	Flame Retardant		
	Good Processability		
	Medium Heat Resistance		
Uses	Electrical/Electronic Applications		
	Furniture		
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	15	g/10 min	
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	49.0	MPa	
Break	40.0	MPa	
Tensile Elongation (Yield)	5.0	%	ASTM D638
Flexural Modulus	2500	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			
--	120	°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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