

ESTABLEND 4500 V0 HF

Polycarbonate + ABS

Cossa Polimeri S.r.l.

Message:

ESTABLEND 4500 V0 HF is a Polycarbonate + ABS (PC+ABS) product. It is available in Europe. Applications of ESTABLEND 4500 V0 HF include automotive, electrical/electronic applications and engineering/industrial parts.

Characteristics include:

- Flame Rated
- Halogen Free
- Flame Retardant
- Good Processability
- Good UV Resistance

General Information			
UL YellowCard	E194157-227560		
Features	Bromine Free		
	Chlorine Free		
	Flame Retardant		
	Good Processability		
	Good UV Resistance		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	Engineering Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (240°C/5.0 kg)	30	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	50.0	MPa	
Break	48.0	MPa	
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	500	J/m	
23°C	550	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			

--	105	°C	ASTM D1525 ¹
--	94.0	°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 (2.00 mm)	960	°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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