

ESTABLEND 4500

Polycarbonate + ABS

Cossa Polimeri S.r.l.

Message:

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

Characteristics include:

Flame Rated

Impact Resistant

High Gloss

General Information			
Features	Good Impact Resistance		
	High Gloss		
	Low Temperature Impact Resistance		
Uses	Appliances		
	Automotive Applications		
	Engineering Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	20	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	54.0	MPa	
Break	42.0	MPa	
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	420	J/m	
23°C	480	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	125	°C	ASTM D1525 ¹
--	113	°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)	750	°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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