

ESTABLEND 8500 VO

Acrylonitrile Styrene Acrylate + PC

Cossa Polimeri S.r.l.

Message:

ESTABLEND 8500 VO is an acrylonitrile-styrene-acrylate PC (ASA PC) product. It is available in Europe. ESTABLEND 8500 VO applications include electrical/electronic applications, electrical appliances and engineering/industrial accessories.

Features include:

flame retardant/rated flame

Flame Retardant

Good processability

Good UV resistance

Impact resistance

General Information			
Additive	Flame retardancy		
Features	Good UV resistance		
	Workability, good		
	Low temperature impact resistance		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
	Engineering accessories		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	65.0	MPa	ASTM D638
Fracture	55.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	550	J/m	ASTM D256
23°C	500	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	140	°C	ASTM D1525 ²

--	135	°C	ASTM D1525 ³
Ball Pressure Test (125°C)	Pass		IEC 60335-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		UL 94
3.20 mm	V-0		UL 94
Glow Wire Ignition Temperature (2.00 mm)	960	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	3.0 - 4.0	hr	
Mold Temperature	55.0 - 70.0	°C	
Injection Rate	Moderate		
Injection instructions			
Injection Temperature: 220-250°C Injection Pressure Level: Medium			
NOTE			
1.	23°C		
2.	标准 B (120°C/h), 压力1 (10N)		
3.	标准 B (120°C/h), 载荷2 (50N)		

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