

ESTABLEND 7800

Acrylonitrile Styrene Acrylate + PC

Cossa Polimeri S.r.l.

Message:

ESTABLEND 7800 is an acrylonitrile-styrene-acrylate PC (ASA PC) product. It is available in Europe. ESTABLEND 7800 applications include electrical/electronic applications, electrical appliances, engineering/industrial accessories and automotive industries.

Features include:

flame retardant/rated flame

high gloss

Good processability

Good UV resistance

Impact resistance

General Information			
Features	Highlight		
	Impact resistance, high		
	Good UV resistance		
	Workability, good		
	Heat resistance, high		
Uses	Electrical components		
	Electrical appliances		
	Engineering accessories		
	Application in Automobile Field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.16	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	17	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 - 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	62.0	MPa	ASTM D638
Fracture	61.0	MPa	ASTM D638
Tensile Elongation (Break)	> 50	%	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	600	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	132	°C	ASTM D1525 ²
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94

1.60 mm	HB	UL 94
3.20 mm	HB	UL 94
Glow Wire Ignition Temperature (2.00 mm)	750	°C
		IEC 60695-2-12
Injection	Nominal Value	Unit
Drying Temperature	120	°C
Drying Time	3.0 - 4.0	hr
Mold Temperature	50.0 - 70.0	°C
Injection Rate	Moderate	
Injection instructions		
Injection Temperature: 250-280 °CInjection Pressure Level: Medium		
NOTE		
1.	23°C	
2.	标准 B (120°C/h), 载荷2 (50N)	

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