

Niblend AE/V0 AF

Polycarbonate + ABS

Soredi S.p.a.

Message:

PC-ABS alloy, flame retardant, bromine, chlorine and anitomy free

General Information			
Features	Antimony Free		
	Bromine Free		
	Chlorine Free		
	Flame Retardant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	50.0	MPa	
Break	50.0	MPa	
Tensile Elongation ² (Break)	20	%	ASTM D638
Flexural Modulus ³	2650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	400	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ASTM D1525 ⁴
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.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		
4.	Rate B (120°C/h), Loading 2 (50 N)		

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