

Niblend AE/V0 AF HT

Polycarbonate + ABS

Soredi S.p.a.

Message:

PC-ABS alloy, flame retardant, high flow and high thermic resistance, bromine, chlorine and antimony free

General Information			
Features	Acid Resistant		
	Antimony Free		
	Bromine Free		
	Chlorine Free		
	Flame Retardant		
	High Flow		
	High Heat Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	38	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	50.0	MPa	
Break	60.0	MPa	
Tensile Elongation ² (Break)	40	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	110	°C	ASTM D1525 ³
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.	Rate B (120°C/h), Loading 2 (50 N)		

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Recommended distributors for this material

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