

Niblend AE/V0 AF HT

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

	Properties	Test condition	Method	Unit	Value
Rheological	Melt Flow Index	260°C / 5 kg	ASTM D1238	g/10min	38
Mechanical	Tensile Stress at Yield	50 mm/min.	ASTM D638	MPa	50
	Tensile Stress at Break	5 mm/min	ASTM D638	MPa	60
	Elongation	50 mm/min	ASTM D638	%	40
Thermal	Vicat Softening Temperature	49N / 120°C/h	ASTM D 1525	°C	110
	Heat Distortion Temperature H.D.T	1.82 MPa	ASTM D648	°C	90
	Glow Wire Temperature (G.W.T)	S=2.0 mm	IEC 695-2-12	°C	960
Flame Behaviour	UL 94 Rating	S=1.6 mm	UL 94	class	V0
	UL 94 Rating	S=3.2 mm	UL 94	class	V0
Physical	Density	23°C	ASTM D792	g/cm ³	1,2