

Niblend AE/V0 AF

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

	Properties	Test condition	Method	Unit	Value
Rheological	Melt Flow Index	260°C / 5 kg	ASTM D1238	g/10min	50
Mechanical	Tensile Stress at Yield	50 mm/min.	ASTM D638	MPa	50
	Tensile Stress at Break	5 mm/min	ASTM D638	MPa	50
	Flexural Elastic Modulus	1,3 mm/min	ASTM D790	MPa	2650
	Izod Notched Impact Strength	23°C/3,2 mm	ASTM D256	J/m	400
	Elongation	50 mm/min	ASTM D638	%	20
Thermal	Vicat Softening Temperature	49N / 120°C/h	ASTM D 1525	°C	95
	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	1,19