

# 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 <sup>3</sup>	1,2

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

Tekuma Kunststoff GmbH is not the manufacturer of a.m. product. The information return the result of the quality inspection. An assurance of certain properties and qualities for specify uses cannot be derived. We recommend additional tests with regard to the suitability ability. Guarantee occurs within the scope of our general terms of sale and terms of delievery.