



MATERIAL DATA SHEET

Product **STAX aluminium fibers AlMg5**

Material **Aluminium AlMg5 (3.3555)**

Chem. Analysis (%)	Si	max. 0,40
	Fe	max. 0,50
	Cu	max. 0,10
	Mn	0,10 - 0,60
	Mg	4,50 - 5,60
	Cr	max. 0,20
	Zn	max. 0,20
	Ti	max. 0,20
	Al	balance

Density	approx. 2,6 g/cm ³
Heat Conductivity	approx. 168 W/(mK)
Electrical Conductivity	approx. 16,5 m/(Ωmm ²)

Fibers

Geometry: **Irregular (e.g. L-form, U-form, and so on, with an irregular surface)**

Length: **Endless, in strand approx. 10% < 0,2 m**

Strength:	coarse	approx. 120 µm
	medium	approx. 90 µm
	fine	approx. 60 µm

Density: **Corresponding to the form of supply**

Heat resistance: **Not defined**

Form of supply: **Reels with a defined weight per running meter
Fleece on bales with a defined weight per m²
Short fibers according to customer requirements**

Stand: B Datum: 04.09.2003 erstellt/ geändert: Nohe geprüft/ freigegeben: Haag