

MATERIAL DATA SHEET

TEKKSTEEL Aluminium Wool EXTRA FINE | FINE | MEDIUM | COARSE



Material

Material: Aluminium AlMg5
(3.3555) EN-AW 5019

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 Rest

Density: Approx. 2,6 g/cm³
Thermal Conductivity: Approx. 168 W/(mK)
Electrical Conductivity: Approx. 16,5 m/(Ωmm²)

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 ca. 120 μm
Medium ca. 90 μm
Fine ca. 60 μm
Extra fine ca. 30 μm
Density: Corresponding to form of supply
Heat Resistance: Not defined
Form of supply: 100 g, 450 g or 1 kg reels with a defined weight per running meter

Logistics

HS-code:	72106100	Hazardous materials:	No
Country of Origin:	Germany	Safety Data Sheet:	Yes