

Product data sheet – AluCoat Chopped Filler

ALUMINIUM COATED BASALT FIBRE

Physical properties	Unit	Value		
Density	g/cm ³	2.7		
Monofilament diameter	µm	18 - 27		
Filaments/tex	-	1		
Fibre volume ratio	Vol. - %	50		
Moisture content	Mass - %	< 0.15		
Chopped length	mm	3	6	Upon request
Loss on ignition	Mass - %	2		
Bulk density	g/L (g/cm ³)	180 (0,180)		
Thermal properties	Unit	Value		
Melting temperature	°C	660		
Working temperature under load	°C	< 400		
Other properties	Unit	Value		
Sizing	-	Silane based; Compatibility: ++ PA, Epoxy + PE, PP		

The values in the data sheet apply only to this specific yarn. The data listed here is within the normal range of product properties but should not be used to establish specification limits nor used alone as a basis for design. The underlying tests were conducted at standard environment of 20 °C and 60 % humidity.

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Caution: Do not use this product for medical applications that require permanent implantation in the human body.

