

Product Technical Datasheet

rGF Fibres made from EoL turbine blades



Product Description

237tex E-glass fibres made from 100% recycled glass (reclaimed from end-of-life turbine blades by Deecom® process)

Physical Properties

Density	2,5
Sizing Type	Epoxy
Filament diameter	17µm
Filament count	400
Linear Weight	237tex

Mechanical properties (Monofilament)

Modulus	55,9 GPa
Tensile strength	1706 MPa

Mechanical properties (Tow)

Modulus	
Tensile strength	

Mechanical properties (Composite)

Reinforcement: Plain weave, 500g/m², [0]₈

Matrix: Sicomin GP28+XP149

Modulus	
Tensile strength	
Flexural strength	

