

WR6



CAMELYAF GLASS FIBER / WR₆ single end roving is made of “E” glass fibers and is designed especially for weaving processes having;



- good unwinding properties,
- high process performance,
- no fuzz,
- fast and complete wet-out,
- high mechanical properties,

Its silane based sizing is compatible with polyester, vinylester and epoxy resins.

Product name : WR6 Filament diameter : 17
Roving tex count : 2400 Split tex count : (2400)
CE sizing code : (06)

PRODUCT SPECIFICATION

Type of glass : E Resin compatibility : Polyester / Vinylester / Epoxy
Moisture content % : max. 0.15 Roving text count (g/1000 m) : 300/410/600/900/1200/2400/4800
Coupling agent : Silane Filament diameter (μ) : 14 / 16 / 15 / 18 / 15 / 17/ 24
Loss on ignition (%) : 0.55 ± 0.15 Tex tolerance (%) : ± 7

Mechanical Properties

WR6 is certified by Germanischer LLOYD

ISO 9163 test method was used which is technically equivalent to ASTM D2343 method.

Values for 600 tex

Tensile Modulus and Strength Test Results per ISO 9163: Test Item	Unit	WR6 Average Values
Tensile Modulus	GPa (Mpsi)	81.5
Tensile Strength	MPa (Kpsi)	2306
% Elongation	%	2.97
Glass Content	%	62.1

BOBBIN MEASUREMENTS

Internal diameter (mm) : 160 External diameter (mm) : 290
Weight(kg) : Nom.16 Height(mm) : 250

PACKAGING

	Number of bobbins per pallet	Layers per pallet	Pallet dimensions (cm)	Pallet height (cm)	Pallet net weight(kg)	Number of ends	Number of bobbins per layer
Bulk Packaging (Z)	48	4	93x122 (E)	125	770	--	12



WR6 single end rovings are produced in conformance ISO 9001

Product properties may be altered depending on developments. The information given herein is supplied only for the guidance of our customers and implies no responsibility on our part. WR6

