



TAISHAN FIBERGLASS INC.

Economic Development Zone, Taian, Shandong, P.R. China

CERTIFICATE OF ANALYSIS

J308-410

Product Name	: TCR - Glass Direct Roving	Test By	: Taishan Fiberglass Inc.
Item Number	: TCR 910-2400-24	Sampling From	: Roving Forming Dept.
Product Code	:	Product Grade	: A
Production Date	: OCT.15.2010	Purchase Order No.	:
Barcode Number	:	Container No.	:
Lot Capacity	:	L/C No.	:

General Data:

Glass Type	: TCR - Glass	Filament Diameter	: 24 μm
Density	: 2.5500 g/cm ³ -2.6000 g/cm ³	Sizing	: Silane
Softening Point	: 900 °C	Color	: White

Properties For Control Report:

Test Items	Accepted Standards		Test Results	
	Testing Standard	Standard Value	Average Value	Result
Moisture content (%)	GB/T 9914.1-2001 idt ISO 3344: 1997	≤0.20	0.05	PASS
Loss on ignition (%)	GB/T 9914.2-2001 eqv ISO 1887: 1995	0.55+/-0.20	0.58	PASS
Linear density (tex)	GB/T 7690.1-2001 idt ISO 1889: 1997	2400+/-120	2402.4	PASS
Tex Standard Deviation (%)	GB/T 7690.1-2001 idt ISO 1889: 1997	≤5	2.86	PASS
Tensile breaking force (N/tex)	GB/T 7690.3-2001 idt ISO 3341: 2000	≥0.30	0.519	PASS

Test Conditions:

Room Temperature : 23° C
Humidity : 60 %

Test Conclusions:

- Confirmed to all above specification

I hereby certify that the results above were obtained on the material referenced according to Taishan Fiberglass Inc. test procedures and frequency.
Certified by Quality Control Laboratory

Data Operator: Wang Lili

Approval By: Sun Xue

Date: OCT.16.2010

NOTE:

Disclaimer: The information given herein is not applicable to material graded as 'B'. The data obtained is based on the actual laboratory tests conducted either by Taishan Fiberglass Inc. or an approved laboratory and believed to be reliable information. The user is expected to test suitability of this product for the end use applications before commencing production. In no event shall Taishan Fiberglass Inc. be liable for any consequential, incidental, or indirect damages.