

Inspection and testing report

Fiberglass Quality Inspection (CQ) No. (25100045)

Item	Testing items	Testing basis	Test results
1	$\omega(\text{SiO}_2)$ %	GB/T 1549—2008	24.66
2	$\omega(\text{Al}_2\text{O}_3)$ %		18.21
3	$\omega(\text{TFe}_2\text{O}_3)$ %		0.0028
4	$\omega(\text{TiO}_2)$ %		4.79
5	$\omega(\text{ZrO}_2)$ %		5.99
6	$\omega(\text{Na}_2\text{O})$ %		0.076
7	$\omega(\text{K}_2\text{O})$ %		0.0044
8	$\omega(\text{Li}_2\text{O})$ %		0.019
9	$\omega(\text{BaO})$ %		0.0014
10	$\omega(\text{HfO}_2)$ %		0.12
11	$\omega(\text{ZnO})$ %		0.0088
12	$\omega(\text{Sb}_2\text{O}_3)$ %		0.19
13	$\omega(\text{F})$ %		Not detected

National Glass Fiber Product Quality Inspection and Testing Center

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14	$\omega(\text{La}_2\text{O}_3)$ %	GB/T 18115.10—2006	20.65
15	$\omega(\text{SnO}_2)$ %	GB/T 30902—2014	0.16
16	$\omega(\text{Y}_2\text{O}_3)$ %		23.94
17	$\omega(\text{B}_2\text{O}_3)$ %	ISO 21078-1:2008	1.30
18	$\omega(\text{CoO})$ %	GB/T 1347—2008	0.0066
19	density g/cm^3	ISO 1183-1:2019	3.911
Remark	(1) Testing location: Huizhi Science and Technology Park Laboratory.		
