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Annex to Test Report

TEST ITEM	TEST METHOD	REQUIREMENT	TEST RESULT	JUDGMENT
Appearance	GB/T 19686-2015	Uniform resin distribution, flat surface, no scar, stain or damage hindering use	Uniform resin distribution, flat surface, no scar, stain or damage hindering use	Pass
Dimension Length (mm) Width (mm) Thickness (mm)	GB/T 5480-2017	1200 +10 -3 600 + 5 -3 50 ± 3	1201 600 52	Pass
Density (kg/m ³)	GB/T 5480-2017	120 ± 12	119	Pass
Shot content (%) (Diameter over 0.25mm)	GB/T 5480-2017	≤ 7.0	4.3	Pass
Average diameter of fiber μm	GB/T 5480-2017	≤ 6.0	4.4	Pass
Moisture absorption by mass (%) (50, 95% RH, 96H)	GB/T 5480-2017	≤ 0.5	0.4	Pass
Thermal conductivity W/(m.K) (Average temperature 25)	GB/T 10295-2008	≤ 0.040	0.036	Pass
Burning behavior class A(A1) PCS Mj/kg Mass loss (%) Temperature rise Duration of sustained flamings	GB/T 14402-2007 GB/T 5464-2010 GB/T 5464-2010 GB/T 5464-2010	≤ 2.0 ≤ 50 ≤ 30 0	1.2 5.1 4 0	Pass Pass Pass Pass
Hydrophobicity (%)	GB/T 10299-2011	≥ 98.0	99.9	Pass
Short term water absorption (kg) (Partial immersion 10mm, 24h)	GB/T 30805-2014 Method A	≤ 0.5	0.05	Pass
Water absorption by volume (%) (Complete immersion 25mm, 2h)	GB/T 5480-2017	≤ 5.0	0.38	Pass
Radionuclide limits Internal exposure index, IRa External exposure index, Ir	GB 6566-2010 GB 6566-2010	≤ 1.0 ≤ 1.0	0.2 0.3	Pass Pass
Compressive strength kPa (10% deformation)	GB/T 13480-2014	≥ 40	55	Pass
Acidity coefficient	GB/T 5480-2017	≥ 1.6	1.8	Pass

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