

TEST REPORT

PRODUCT NAME: rPP-T20

Molding Condition Process	Drying Temperature	Drying Time	Molding Temperature	Molding Pressure
	95 °C	120 minute	200 °C	55 MPa

Remarks				
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Test Project	Test Instrument	Test Standard	Test Condition			Unit	Result
Fire protecting performance	Combustion test chamber	UL 94	127*12.8*1.6mm 127*12.8*3.2mm				
Melt Flow Index	Melt flow indexer	ISO1133	230°C/ 2.16kg			g/10min	31.3
Melting point	Melting point temperature measuring tester						
Heat distortion temperature	Heat distortion temperature tester	ISO75	Stress: mpa / Deformation: 0.341			°C	
Vicat softening point	Vicat softening point tester	ISO306				°C	
Specific gravity		ISO1183				g/cm3	
Fiber content/ ash content	High-temperature fiberglass combustion furnace					%	14.4
Rockwell hardness	Rockwell hardness tester	ISO2039-2				HRR	
Bending strength	Universal tensile testing machine	ISO178	National standard test strip			MPa	
Flexural modulus	Universal tensile testing machine	ISO178	National standard test strip			MPa	
Tensile strength	Universal tensile testing machine	ISO527-2	17.3	17.5	17.7	MPa	17.5
Elongation at break	Universal tensile testing machine	ISO527-2	91.6	76.6	83.8	%	84.0
GB Impact strength	Cantilever beam impact testing machine	ISO180/1A	8mm*4mm 23°C			Average value in kJ/ m2	38.3
ASTM Impact strength	Cantilever beam impact testing machine	ASTM ASTMD256	10.16mm*3.2mm 23°C/J/m			Corresponding value in kJ/m2	

Note: ① GB stands for National Standard; ② ASTM for American Standard; ③ ISO for International Standard.

Report description: All test data in this report are authentic results obtained through laboratory instruments. Due to variations in instrument brands and adjustments in product manufacturing processes, the data is provided for reference and comparison only.