

CFRT (UD) Sandwich Panel

CFRT(UD) Sandwich Panel (CFRT Skin PP Honeycomb Sandwich Panel)

DESCRIPTION

- Light weight
- Excellent specific strength and modulus
- Recyclable
- Waterproof, Good chemical resistance, no VOC
- Easy to use

APPLICATIONS

- Truck Body structure
- Floor structure
- Package structure
- Decoration structure
- Furniture structure



SPECIFICATIONS

PROPERTIES	TEST STANDARD	UNITS	TYPICAL VALUE	UV RATING
Compressive Strength	GB/T 1453-2005	Mpa	1.76	CFRT tape with anti-uv filler Tested under UV light 150,00 hours, the technical property did not reduce over 50%
Edgewise Compressive Strength	GB/T 1454-2005	Mpa	2.20	
Impact Strength	GB/T 1451-2005	KJ/M2	35	
Bending Strength	GB/T 1456-2005	MPa	12.15	
Bending Stiffness	GB/T 1456-2005	N.mm2	4*107	
Climbing Drum Peel Strength	GB/T 1457-2005	N.mm/mm	210	

Note1: Sample is 20mm UD PP honeycomb sandwich panel, honeycomb density is 80KG/M3.

Note2: Skin is two layers 340g 0 , 90 CFRT.

TEST REPORT



Test Report

Test information

Test Date	2020.5.6
Product Name	Honeycomb sandwich board
Test Standard	ASTM

Test results

specification: H30PP80UD

Items	Test result	Test Standard
Compressive Strength	> 1.5MPa	ASTM C365
Compressive Modulus	> 48MPa	ASTM C365
Shear Strength	> 0.38MPa	ASTM C273
Areal weight	4.6kg/sq.m	