TECHNICAL DATASHEET

TRICAP® OG14T

Organosheet

PROPERTY	UNIT	TYPICAL DATA
Material	-	PP GF(Twill)
Fiber Contents	Vol %	43.5
Specific Gravity	-	1.62
Tensile Strength	MPa	420
Tensile Modulus	GPa	18.5
Flexural Strength	MPa	430
Flexural Modulus	GPa	18
Note	-	

※ The figures listed in this table are typical values obtained under the standard test methods and may not be applicable for products that are under different application condition.

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PROCESSING GUIDE

TRICAP® OG14T GRADE

Organosheet

Heating

- Between 200℃ ~ 250℃
- We recommend molding in the above temperature range for good impregnation performance and forming. It is recommended to use middle wavelength IR heater for heating heat source. Two-sided heating will be much more efficient than one side.

Pressing

- 10 ~ 100 bar
- The impregnation pressure may vary depending on the molded part, shape and molding tool.

Demolding Temperature

- Under 100℃
- It is recommended to demold at the lowest temperature possible to avoid deforming the shape during demolding process.

Dimensions

- Precut on demand Plate, max size 600mm × 1500mm

Storage

- The storage time of the Organosheet is infinite.

Handling

- PP is stable at room temperature and normal pressure. In order to manufacture molded parts using Organosheet, you need a special safety guard and tools.