

TECHNICAL DATASHEET

TRICAP[®] OG35T PN

Organosheet

PROPERTY	UNIT	TYPICAL DATA
Material	-	PC GF(Twill)
Fiber Contents	Vol %	48
Specific Gravity	-	1.8
Tensile Strength	MPa	473
Tensile Modulus	GPa	23.5
Flexural Strength	MPa	628
Flexural Modulus	GPa	21.9
Note	-	Flame Retardant

※ 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.

Global Network

HEAD OFFICE

Samyang Corporation
31, Jong-ro 33-gil, Jongno-gu, Seoul, Korea
T. +82-2-740-7747

Chemical Research Center

730, Daedeok-daero, Yuseong-gu, Daejeon, Korea
T. +82-42-865-8114

DAEJEON ENGINEERING PLASTIC PLANT

9 Yuseong-daero, 1366-gil, Yuseong-gu, Daejeon, Korea
T. +82-42-867-3800

SAMYANG ENGINEERING PLASTICS (SHANGHAI) CO., LTD.

No.131, Shuangying Road, Qingpu Industrial Area,
Qingpu County, Shanghai, China
T. +86-21-6922-2270

SAMYANG ENGINEERING PLASTICS (GERMANY) CO., LTD.

8 Taunusanlage Frankfurt am Main,
HE 60329, Germany 855
T. +49 (0)162-579-6639

TRICAP[®] OG35T PN GRADE

Organosheet

Heating

- Between 250°C ~ 300°C
- 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 120°C
- 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 × 1000mm

Storage

- The storage time of the Organosheet is infinite.

Handling

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