

## CFRT-PA66 (Continuous Fiber Reinforced Thermoplastic Tape-Polyamide-66)

### Category

CFRT-PA66 UD-TAPE is continuous fiber impregnated with PA-66(polyamide-66) and laminated together to create one ply fiber reinforcement thermoplastic composites .

It is non-woven , fibers are parallel( $0^{\circ}$  ). The width is 300mm/600mm/1200mm, can be accepted customized .

### Advantage

- Low Cost
- Lightweight
- High strength and modulus and Excellent impact resistant
- Design Flexibility
- Resists high temperature
- No VOC, environmental, completely recyclable

### Application

Automotive and sporting goods.

### Technical Data

Properties <sup>1</sup>	Test Standards	Condition	Units	Typical Value
Fiberglass Content	ISO3451-1:2008	23°C	%wt	60
Density	ISO1183-1:2012	23°C	g/cm <sup>3</sup>	1.72
Tape Thickness	/	23°C	mm	0.32
Tensile Strength	ISO527-5Tape	5mm/min	MPa	700
Flexural Strength	ISO14125	2mm/min	MPa	800
Flexural Modulus	ISO14125	2mm/min	GPa	30

*Note<sup>1</sup>: Colored product performance may be different from the above values.*

*Note<sup>2</sup>: Typical values are the average laboratory data, when used only for reference , not as a products standard.*

*Note<sup>2</sup>: Above conditions only reference, according to different equipment, different molds and product requirements, process must be appropriately adjusted.*