

VLFT3030

**WOVEN AND LONG GLASS FIBER
HYBRID THERMOPLASTIC COMPOSITE**

General Information

● **Description**

SUPRAN®VLFT3030 is Long Fiber Reinforced Thermoplastics(LFT), SUPRAN®VLFT3030 is Polypropylene reinforced with 30wt% long glass fibers. Parts molded of SUPRAN® have outstanding mechanical properties such as high strength, stiffness, impact and creep resistance and low warpage combined with high heat deflection. SUPRAN®VLFT3030 is suitable for structural parts in automotive and industrial application.

● **Applications**

- ◆ Functional & structural parts for Automotive

Physical Properties¹

Physical	Test Method	Nominal Value	
Density	ISO 1183	1.12	
Mechanical			
Tensile Strength	ISO 527-1/2	90	MPa
Tensile Modulus	ISO 527-1/2	7400	MPa
Flexural Strength	ISO 178	7300	MPa
Multiaxial Impact Energy (23℃)	ISO 6603-1/2	8.9	J
Thermal			
HDT(1.8 MPa)	ISO 75-1/2	161	℃

NOTE

¹ Physical Properties : these are not to be construed as specifications.