

Titalon 8300GF

RESIN : POLYBUTYLENE RESIN (PBT)

PRODUCT DESCRIPTION: 15% GLASS FIBER REINFORCED, HIGH STRENGTH

Color No: VN01,VB01

Properties	Unit	Method	Value
Color	-	-	Natural/Black
Specific gravity	g/cm ³	ISO 1183	1.41
Tensile strength Tensile Elongdtion	MPa	ISO 527-1,2	90 > 3
Flexural strength Flexural modulus	MPa	ISO 178	145 4800
Charpy impact strength (notched)	KJ/m ²	ISO 179/1eA	6
Heat Deflection Temperature (1.8Mpa)	°C	ISO 75-1,2	195
Volume resistivity Surface resistivity	$\Omega \cdot \text{cm}$ Ω	IEC 60093	1×10^{15} 1×10^{16}
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	0.5-1.0
MOLDING CONDITION	°C	Drying Melt Temperature Mold Temperature	120x4Hrs 220-250 70 ~110
	%	Inject. Pressure Inject. Velocity	40 ~80 20 ~50

- All property values shown in this data sheet are the representative values and not minimum value of this material.