



Titalon 2158GCF

RESIN : POLYAMIDE66 RESIN

PRODUCT DESCRIPTION : GLASS BEAD FILLED, CARBON FIBER REINFORCED,
LOW WARPAGE, WEAR RESISTANCE

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.28
Tensile strength	MPa	ISO	170
Tensile Elongation		527-1,2	>3
Flexural strength	MPa	ISO 178	240
Flexural modulus			9000
Charpy impact strength(notched)	kJ/m ²	ISO	6
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	240
Volume resistivity	Ω•cm	IEC 60093	1×10 ⁶
Surface resistivity	Ω		1×10 ⁶
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.3~1.3
MOLDING CONDITION	°C	Drying	80~100x 4Hrs
		Melt Temperature	260~290
		Mold Temperature	60~100
	%	Inject. Pressure	30~70
Inject. Velocity		30~60	

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