

Titalon 5100GF

RESIN : POLYCARBONATE RESIN

PRODUCT DESCRIPTION : 10%GLASS FIBER REINFORCED ◦

Properties	Unit	method	Value
Color	-	-	Nature
specific gravity	g/cm ³	ISO 1183	1.27
Tensile strength	MPa	ISO	63
Tensile Elongation		527-1,2	>8
Flexural strength	MPa	ISO 178	103
Flexural modulus			3450
Charpy impact strength(notched)	kJ/m ²	ISO	11
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO	135
		75-1,2	
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁵
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3	0.5~0.8
		mmt	
MOLDING CONDITION			
	°C	Drying	120x 4Hrs
		Melt Temp.	270~300
		Mold Temp.	80~130
	%	Inject. Press.	30~70
Inject. Velocity		20~50	

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