

Technical Data Sheet
Issue date: July. 2024

RANDOM production and trading company limited
Certificate: CPRJ-2021-093533/QMS

098 338 0198

Titalon 2400MF

RESIN : PA66

PRODUCT DESCRIPTION: 40% MINERAL FILER REINFORCED, LOW WARPAGE.

Color No: VN01/VB01

Properties		Unit	Method	Value
Color		-	-	Natural/Black
Density		g/cm ³	ISO 1183	1.45
Tensile strength		MPa	ISO	80
Tensile Elongdtion			527-1,2	5
Flexural strength		MPa	ISO 178	140
Flexural modulus				6000
Charpy impact strength (notched)		KJ/m ²	ISO 179/1eA	4
Heat Deflection Temperature (1.8Mpa)		°C	ISO 75-1,2	150
Volume resistivity		Ω.cm	IEC 60093	1×10 ¹³
Surface resistivity		Ω		1×10 ¹³
Flammability			UL 94	HB
Mold shrinkage		%	50×80×3 mmt	0.6 ~0.8
MOLDING CONDITION	°C	Drying		110×4Hrs
		Melt Temperature		260~290
		Mold Temperature		100 ~120
	%	Inject. Pressure		40 ~80
Inject. Velocity		40 ~80		

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