

Titalon Z100ST-M10

RESIN : PA/ASA ALLOY

PRODUCT DESCRIPTION : 10% MINERAL FIBER REINFORCED, IMPACT RESISTANT,
SCRATCH RESISTANT, UV STABILIZED.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.15
Tensile strength	MPa	ISO	50
Tensile Elongation		527-1,2	>10
Flexural strength	MPa	ISO 178	80
Flexural modulus			2600
Charpy impact strength(notched)	kJ/m ²	ISO	6
		179/1eA	
Heat Deflection Temperature (0.46MPa)	°C	ISO 75-1,2	105
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹³
Surface resistivity	Ω		1×10 ¹⁴
Flammability	Class	UL 94	HB
Mold shrinkage	%	50x80x3 mmt	0.7~0.9
Hardness	D	ISO7619	80
MOLDING CONDITION			
	°C	Drying	100x 4Hrs
		Melt Temperature	230~250
		Mold Temperature	60~80
	%	Inject. Pressure	60~80
		Inject. Velocity	30~60

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