

## Titalon A000FR

RESIN : ABS ALLOY

PRODUCT DESCRIPTION : GOOD DIMENSIONAL STABILITY, GOOD IMPACT STRENGTH,  
NON-HALOGEN FLAME RETARDANT

COLOR No.: VN01-5000

Properties	Unit	method	Value
Color	-	-	Natural
Density	g/cm <sup>3</sup>	ISO 1183	1.17
Tensile strength	MPa	ISO	50
Tensile Elongation		527-1,2	≥10
Flexural strength	MPa	ISO 178	85
Flexural modulus			2100
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	20
		179/1eA	
Heat Deflection Temperature 1.8MPa	°C	ISO	80
		75-1,2	
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>14</sup>
Surface resistivity	Ω		1×10 <sup>14</sup>
Flammability	class	UL 94	V0 (1.5mm) 5VA(2.0mm)
Mold shrinkage	%	100x100 x3mmt	0.4~0.7
Hardness	D	ISO7619	83
Melting flow rate (220°C x 10kg)	g/10 min	ISO1133	40~50
MOLDING CONDITION	°C	Drying	100 x 3 hrs
		Melt Temperature	230~260
		Mold Temperature	50~80
	%	Inject. Pressure	30~50
		Inject. Velocity	20~50

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