



Titalon 2182TFS

RESIN : POLYAMIDE66 RESIN

PRODUCT DESCRIPTION : 18%PTFE FILLED, 2% SILICONE FILLED, WEAR RESISTANCE, HIGH SLIDING

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm ³	ISO 1183	1.24
Tensile strength	MPa	ISO	65
Tensile Elongation		527-1,2	>15
Flexural strength	MPa	ISO 178	95
Flexural modulus			2500
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	6
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	85
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	2.1~1.3
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.