

PP-EPDM-TD15

GRADE: **TITALON UP6311TCUV**, **COLOR NO.: VB02R** (BLACK), APPLICATION: **GRAINED PARTS**

PRODUCT DESCRIPTION : POLYPROPYLENE FILLED 15%TALC, HIGH IMPACT, UV RESISTANCE.

Properties		Unit	method	Value
Density		g/cm ³	ISO 1183	0.98~1.02
Mold shrinkage		%	Titan method	0.85~1.0
Melt Flow Index (MFI)		g/10 min	ISO 1133	35~45
Hardness		Shore D	ISO 7619	58~65
Ultimate elongation		%	ISO527-1,2	>20
Tensile strength		MPa	ISO527-1,2	13~18
Flexural strength		MPa	ISO 178	16~22
Elasticity modulus under bending at 23°C		MPa	ISO 178	1500~1700
Charpy Impact	at 23°C	kJ/m ²	ISO 179/1eA	30~40
	at -30°C			6
Heat Deflection Temperature (HDT), 0.45MPa		°C	ISO 75-1,2	100
Flammability		class	UL 94	HB
Light and atmospheric agent resistance (1000 hours)		ΔE surface	ISO 4892-3	≤1 No cracks
MOLDING CONDITION				
		°C	Drying Melt Temperature Mold Temperature	80 x 3Hrs 180~220 30~80
		%	Inject. Pressure Inject. Velocity	30~60 20~50

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