

PP-EPDM-TD15

GRADE : TITALON 6311TC, COLOR NO. : PTVB02 (BLACK), APPLICATION: **PAINTED PARTS**

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

Properties	Unit	method	Value
Density	g/cm ³	ISO 1183	0.98~1.02
Mold shrinkage	%	Titan method	0.7~0.9
Melt Flow Index (MFI)	g/10 min	ISO 1133	35~45
Hardness	Shore D	ISO 7619	58~65
Ultimate elongation	%	ISO527-1,2	>50
Tensile strength	MPa	ISO527-1,2	13~18
Flexural strength	MPa	ISO 178	16~25
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		5
Heat Deflection Temperature (HDT), 0.45MPa	°C	ISO 75-1,2	100
Flammability	class	UL 94	HB
MOLDING CONDITION	°C	Drying	80 x 3 hrs
		Melt Temperature	180~220
		Mold Temperature	30~80
	%	Inject. Pressure	30~60
		Inject. Velocity	20~50

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