

## PP-EPDM-TD20

GRADE : TITALON 6411TC, COLOR NO. : **PTVB02 (BLACK)**

PRODUCT DESCRIPTION : POLYPROPYLENE FILLED 20% TALC, HIGH IMPACT.

APPLICATION: **PAINTED PARTS.**

Properties		Unit	method	Value
Density		g/cm <sup>3</sup>	ISO 1183	1.02~1.04
Mold shrinkage		%	Titan method	0.7~0.9
Melt Flow Index (MFI)		g/10 min	ISO 1133	14~20
Hardness		Shore D	ISO 7619	58~65
Tensile strength		MPa	ISO527-1,2	14~20
Tensile elongation		%	ISO527-1,2	>80
Flexural strength		MPa	ISO 178	18~25
Flexural modulus		MPa	ISO 178	1700~1900
Charpy Impact	at 23°C	kJ/m <sup>2</sup>	ISO 179/1eA	35~50
	at -30°C			5
Heat Deflection Temperature (HDT), 0.45MPa		°C	ISO 75-1,2	102
Flammability		Class	UL 94	HB
Coefficient of Linear Thermal Expansion (CLTE)–Flow direction		10 <sup>-5</sup> mm/mm/°C	ISO11359-2	5.5~6.0
MOLDING CONDITION				
	°C	Drying	90 x 3hrs	
		Melt Temperature	180~230	
		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.