

RESIN : POLYCARBNATE /ABS ALLOY, PC+ABS-FR(40)

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

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
Density	g/cm ³	ISO 1183	1.19
Tensile strength	MPa	ISO	60
Tensile Elongation		527-1,2	≥50
Flexural strength	MPa	ISO 178	90
Flexural modulus			2600
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	40
Heat Deflection Temperature 1.8MPa	°C	ISO 75-1,2	95
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability (1.5mm)	class	UL 94	V0
Mold shrinkage	%	100x100 x3mmt	0.3~0.5
Long term service temperature	°C	-	100
Short term service temperature			150
Melting flow rate (260°C x 5kg)	g/10 min	ISO1133	30
MOLDING CONDITION			
	°C	Drying	100x 4Hrs
		Melt Temperature	230~260
		Mold Temperature	70~100
	%	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.