

R730FR

RESIN : POLYCARBONATE/POLYESTER ALLOY (PC/PBT)

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

COLOR No.: VN01/VB01

Properties	Unit	method	Value
Color	-	-	Natural/Black
Density	g/cm ³	ISO 1183	1.22
Tensile strength	MPa	ISO	58
Tensile Elongation		527-1,2	>50
Flexural strength	MPa	ISO 178	85
Flexural modulus			2400
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	30
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	130 (0.45MPa) 85 (1.8MPa)
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability	Class	UL 94	V0 (1.5mm)
Mold shrinkage	%	50x80x3 mmt	0.3~0.5
MOLDING CONDITION			
MOLDING CONDITION	°C	Drying	120x 4Hrs
		Melt Temperature	240~260
		Mold Temperature	50~80
	%	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.