

TECHNICAL DATASHEET

TRIRES[®] VB3025G10

PC

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.25
Water Absorption (24 hours at 23°C)	%	D570	0.13
Melt Flow Rate (300°C, 1.2kg)	g/10min	D1238	18
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	800
Tensile Elongation at break	%	D638	4
Flexural Strength at yield	kg _f /cm ²	D790	1,400
Flexural Modulus	kg _f /cm ²	D790	36,000
Izod Impact Strength, notched, 23°C (1/8")	kg _f ·cm/cm	D256	9
THERMAL			
HDT, 18.6 kg _f /cm ²	°C	D648	127
ELECTRICAL			
OTHERS			
UL-94 Flammability (0.8mm thickness)	-	(UL 94)	V-2
Mold Shrinkage (3mm thickness)	%	D955	0.3~0.5

※ The figures listed in this table are typical values obtained under the standard test methods and may not be applicable for products that are under different application condition.

PROCESSING GUIDE

TRIREX[®] VB3025G10 GRADE

PC

- General processing conditions for TRIREXVB3025G10 are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	120
Drying Time	hr	3~4
Moisture Content, Max	%	0.02
Melt Temperature	℃	290~310
Nozzle Temperature	℃	300~320
Front Temperature	℃	300~320
Middle Temperature	℃	290~310
Rear Temperature	℃	280~300
Mold Temperature	℃	80~100
Back Pressure	MPa	0.3~0.7
Screw Speed	rpm	50~70

Global Network

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