TECHNICAL DATASHEET

TRIREX® 3025PN1

PC

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.20
Water Absorption (24 hours at 23℃)	%	D570	0.15
Melt Flow Rate (300℃, 1.2kg)	g/10min	D1238	11
MECHANICAL			
Tensile Strength at yield	$kg_f/㎠$	D638	600
Tensile Elongation at break	%	D638	120
Flexural Strength at yield	$kg_f/㎠$	D790	800
Flexural Modulus	$kg_f/㎠$	D790	22,000
Izod Impact Strength, notched, 23℃ (1/8")	$kg_f·㎝/㎝$	D256	80
THERMAL			
HDT, 18.6 ㎏f/㎠	℃	D648	128
ELECTRICAL			
OTHERS			
UL-94 Flammability (1.5mm thickness)	-	(UL 94)	V-0
Mold Shrinkage (3mm thickness)	%	D955	0.1~0.3

※ 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.