TECHNICAL DATASHEET

TRILOY® PA180

PC/PBT (Painting)

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.21
Water Absorption (24 hours at 23℃)	%	D570	0.2
Melt Flow Rate (250℃, 5kg)	g/10min	D1238	15
MECHANICAL			
Tensile Strength at yield	$kg_f/㎠$	D638	500
Tensile Elongation at break	%	D638	100
Flexural Strength at yield	$kg_f/㎠$	D790	800
Flexural Modulus	$kg_f/㎠$	D790	20,000
Izod Impact Strength, notched, 23℃ (1/8")	$kg_f·㎝/㎝$	D256	70
THERMAL			
HDT, 18.6 ㎏f/㎠	℃	D648	106
ELECTRICAL			
OTHERS			

※ 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.