

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°C)	%	D570	0.2
Melt Flow Rate (250°C, 5kg)	g/10min	D1238	15
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	500
Tensile Elongation at break	%	D638	100
Flexural Strength at yield	kg _f /cm ²	D790	800
Flexural Modulus	kg _f /cm ²	D790	20,000
Izod Impact Strength, notched, 23°C (1/8")	kg _f ·cm/cm	D256	70
THERMAL			
HDT, 18.6 kg _f /cm ²	°C	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.