

TECHNICAL DATASHEET

TRILOY® ML237PN1

PC/ABS

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.15
Water Absorption (24 hours at 23°C)	%	D570	0.2
Melt Flow Rate (260°C, 2.16kg)	g/10min	D1238	26
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	600
Tensile Elongation at break	%	D638	40
Flexural Strength at yield	kg _f /cm ²	D790	900
Flexural Modulus	kg _f /cm ²	D790	25,000
Izod Impact Strength, notched, 23°C (1/8")	kg _f ·cm/cm	D256	7
THERMAL			
HDT, 18.6 kg _f /cm ²	°C	D648	88
ELECTRICAL			
OTHERS			
UL-94 Flammability (1.5mm thickness)	-	(UL 94)	V-0
Mold Shrinkage (3mm thickness)	%	D955	0.5~0.7

※ 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.