

## TECHNICAL DATASHEET

**TRILOY® 170N2**

PC/PBT

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
<b>PHYSICAL</b>			
Specific Gravity	-	D792	1.27
Water Absorption (24 hours at 23°C)	%	D570	0.15
Melt Flow Rate (250°C, 10kg)	g/10min	D1238	24
<b>MECHANICAL</b>			
Tensile Strength at yield	kg <sub>f</sub> /cm <sup>2</sup>	D638	500
Tensile Elongation at break	%	D638	100
Flexural Strength at yield	kg <sub>f</sub> /cm <sup>2</sup>	D790	800
Flexural Modulus	kg <sub>f</sub> /cm <sup>2</sup>	D790	20,000
Izod Impact Strength, notched, 23°C (1/8")	kg <sub>f</sub> ·cm/cm	D256	75
<b>THERMAL</b>			
HDT, 18.6 kg <sub>f</sub> /cm <sup>2</sup>	°C	D648	100
<b>ELECTRICAL</b>			
<b>OTHERS</b>			
UL-94 Flammability (1.5mm thickness)	-	(UL 94)	V-2
Mold Shrinkage (3mm thickness)	%	D955	0.7-1.2

※ 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.