

## TECHNICAL DATASHEET

**TRAMID<sup>®</sup> 4210G50**

PA66 GF50

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
<b>PHYSICAL</b>			
Specific Gravity	-	D792	1.57
Water Absorption (24 hours at 23°C)	%	D570	0.8-1.1
<b>MECHANICAL</b>			
Tensile Strength at yield	kg <sub>f</sub> /cm <sup>2</sup>	D638	2,100
Tensile Elongation at break	%	D638	3
Flexural Strength at yield	kg <sub>f</sub> /cm <sup>2</sup>	D790	3,250
Flexural Modulus	kg <sub>f</sub> /cm <sup>2</sup>	D790	132,000
Izod Impact Strength, notched, 23°C (1/8")	kg <sub>f</sub> ·cm/cm	D256	12
<b>THERMAL</b>			
HDT, 18.6 kg <sub>f</sub> /cm <sup>2</sup>	°C	D648	240
<b>ELECTRICAL</b>			
<b>OTHERS</b>			
UL-94 Flammability	-	(UL 94)	HB
Mold Shrinkage (3mm thickness)	%	D955	0.3~0.5

※ 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.