

TECHNICAL DATASHEET

TRAMID[®] 4210G30

PA66 GF30

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.37
Water Absorption (24 hours at 23°C)	%	D570	0.8-1.1
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	1,800
Tensile Elongation at break	%	D638	3
Flexural Strength at yield	kg _f /cm ²	D790	2,800
Flexural Modulus	kg _f /cm ²	D790	90,000
Izod Impact Strength, notched, 23°C (1/8")	kg _f ·cm/cm	D256	10
THERMAL			
HDT, 18.6 kg _f /cm ²	°C	D648	240
HDT, 4.6 kg _f /cm ²	°C		253
ELECTRICAL			
OTHERS			
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.