

TECHNICAL DATASHEET

TRAMID[®] 4110G30

PA6 GF30

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.36
Water Absorption (24 hours at 23°C)	%	D570	0.8-1.1
Melt Flow Rate (275°C, 2.16kg)	g/10min	D1238	45
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	1,650
Tensile Elongation at break	%	D638	3
Flexural Strength at yield	kg _f /cm ²	D790	2,500
Flexural Modulus	kg _f /cm ²	D790	80,000
Izod Impact Strength, notched, 23°C (1/8")	kg _f ·cm/cm	D256	9
THERMAL			
HDT, 18.6 kg _f /cm ²	°C	D648	210
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.