TECHNICAL DATASHEET

TRAMID® 4210G30HU

PA66 GF30

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.37
MECHANICAL			
Tensile Strength at yield	kg_f/cm^2	D638	1,900
Tensile Elongation at break	%	D638	2
Flexural Strength at yield	kg_f/cm^2	D790	2,750
Flexural Modulus	kg_f/cm^2	D790	95,000
Izod Impact Strength, notched, 23℃ (1/8")	$kg_f \cdot cm/cm$	D256	9
THERMAL			
HDT, 18.6 kgf/㎠	℃	D648	254
ELECTRICAL			
OTHERS			

※ 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.

PROCESSING GUIDE

TRAMID® 4210G30HU GRADE

PA66 GF30

- General processing conditions for TRAMID4210G30HU are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	80~100
Drying Time	hr	3~5
Moisture Content, Max	%	0.2
Melt Temperature	℃	270~290
Nozzle Temperature	℃	270~290
Front Temperature	℃	270~290
Middle Temperature	℃	260~290
Rear Temperature	℃	220~260
Mold Temperature	℃	80~100

Global Network

HEAD OFFICE
Samyang Corporation
31, Jong-ro 33-gil, Jongno-gu, Seoul, Korea
T. +82-2-740-7747

Chemical Research Center
730, Daedeok-daero, Yuseong-gu, Daejeon, Korea
T. +82-42-865-8114

JEONJU ENGINEERING PLASTIC PLANT
147, Palbok-ro, Deokjin-gu, Jeonju, Korea
T. +82-63-210-6664

SAMYANG ENGINEERING PLASTICS (SHANGHAI) CO., LTD.
No.131, Shuangying Road, Qingpu Industrial Area,
Qingpu County, Shanghai, China
T. +86-21-6922-2270

SAMYANG ENGINEERING PLASTICS (HUNGARY) CO., LTD.
H5100, Jaszbereny, Necso, Telep 1, Hungary
T. +36-21-311-1263

SAMYANG ENGINEERING PLASTICS (VIETNAM) LLC
1 Song Hanh Road, Nhon Trach 6 Industrial Zone, Long Tho
Commune, Nhon Trach District, Dong Nai Province, Vietnam
T. +84-0251-3686-707