

TECHNICAL DATASHEET

TRAMID[®] 4210G50HU

PA66 GF50

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.56
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	2,250
Tensile Elongation at break	%	D638	2
Flexural Strength at yield	kg _f /cm ²	D790	3,340
Flexural Modulus	kg _f /cm ²	D790	135,000
Izod Impact Strength, notched, 23°C (1/8")	kg _f ·cm/cm	D256	14
THERMAL			
HDT, 18.6 kgf/cm ²	°C	D648	258
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® 4210G50HU GRADE

PA66 GF50

- General processing conditions for TRAMID4210G50HU 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