

TECHNICAL DATASHEET

TRAMID[®] 4125

PA6

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.02
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	370
Tensile Elongation at break	%	D638	150
Flexural Strength at yield	kg _f /cm ²	D790	410
Flexural Modulus	kg _f /cm ²	D790	12,000
Izod Impact Strength, notched, 23°C (1/8")	kg _f ·cm/cm	D256	100
THERMAL			
HDT, 18.6 kgf/cm ²	°C	D648	55
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® 4125 GRADE

PA6

- General processing conditions for TRAMID4125 are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	80-90
Drying Time	hr	3-5
Moisture Content, Max	%	0.2
Melt Temperature	℃	230-250
Nozzle Temperature	℃	240-260
Front Temperature	℃	240-260
Middle Temperature	℃	230-250
Rear Temperature	℃	220-240
Mold Temperature	℃	40-60

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