TECHNICAL DATASHEET

TRAMID® 4715

PA12

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.10
Melt Flow Rate (275℃, 2.16kg)	g/10min	D1238	51
MECHANICAL			
Tensile Strength at yield	$kg_f/㎠$	D638	650
Tensile Elongation at break	%	D638	55
Flexural Strength at yield	$kg_f/㎠$	D790	780
Flexural Modulus	$kg_f/㎠$	D790	20,000
Izod Impact Strength, notched, 23℃ (1/8")	$kg_f·㎝/㎝$	D256	7.5
THERMAL			
HDT, 18.6 ㎏f/㎠	℃	D648	56
HDT, 4.6 ㎏f/㎠	℃		187
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® 4715 GRADE

PA12

- General processing conditions for TRAMID4715 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	℃	240~260
Nozzle Temperature	℃	250~270
Front Temperature	℃	250~270
Middle Temperature	℃	250~270
Rear Temperature	℃	230~250
Mold Temperature	℃	50~80

Global Network

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