TECHNICAL DATASHEET

TRIEL® 5722SPU

TPEE

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.25
Water Absorption (24 hours at 23℃)	%	D570	0.5
Melt Flow Rate (230도, 2.16kg)	g/10min	D1238	9
MECHANICAL			
Tensile Strength at yield	$kg_f/㎠$	D638	425
Tensile Elongation at break	%	D638	380
Flexural Strength at yield	$kg_f/㎠$	D790	370
Flexural Modulus	$kg_f/㎠$	D790	10,000
Izod Impact Strength, notched, 23℃ (1/8")	$kg_f·㎝/㎝$	D256	12
Hardness (Shore D)	Shore D		72
THERMAL			
HDT, 4.6 ㎏f/㎠	℃		130
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

TRIEL® 5722SPU GRADE

TPEE

- General processing conditions for TRIEL5722SPU are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	110~120
Drying Time	hr	3~4
Moisture Content, Max	%	0.02
Melt Temperature	℃	210~220
Nozzle Temperature	℃	240~260
Front Temperature	℃	240~260
Middle Temperature	℃	240~260
Rear Temperature	℃	230~240
Mold Temperature	℃	30~50

Global Network

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