TECHNICAL DATASHEET

TRIEL® 5722EM

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	14~20
MECHANICAL			
Tensile Strength at yield	$kg_f/㎠$	D638	425
Tensile Elongation at break	%	D638	>400
Flexural Strength at yield	$kg_f/㎠$	D790	370
Flexural Modulus	$kg_f/㎠$	D790	10,200
Izod Impact Strength, notched, 23℃ (1/8")	$kg_f·㎝/㎝$	D256	10~13
Hardness (Shore D)	Shore D		72
THERMAL			
HDT, 4.6 ㎏f/㎠	℃		128
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® 5722EM GRADE

TPEE

- General processing conditions for TRIEL5722EM are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	100~110
Drying Time	hr	3~4
Moisture Content, Max	%	0.02
Melt Temperature	℃	220~240
Nozzle Temperature	℃	220~240
Front Temperature	℃	220~240
Middle Temperature	℃	220~240
Rear Temperature	℃	190~220
Mold Temperature	℃	30~50

Global Network

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