TECHNICAL DATASHEET

TRIEL® 5402PV

TPEE

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	0.95
Melt Flow Rate (230℃, 2.16kg)	g/10min	D1238	37
MECHANICAL			
Tensile Strength at yield	$kg_f/㎠$	D638	100
Flexural Strength at yield	$kg_f/㎠$	D790	>400
Izod Impact Strength, notched, 23℃ (1/8")	$kg_f \cdot cm/cm$	D256	No Break
Hardness (Shore D)	Shore D		40
THERMAL			
ELECTRICAL			
OTHERS			
UL-94 Flammability	-	(UL 94)	HB
Mold Shrinkage (3mm thickness)	%	D955	0.6 ~ 0.9

※ 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® 5402PV GRADE

TPEE

- General processing conditions for TRIEL5402PV are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	70~80
Drying Time	hr	2
Moisture Content, Max	%	0.02
Melt Temperature	℃	200~220
Nozzle Temperature	℃	200~220
Front Temperature	℃	200~220
Middle Temperature	℃	190~210
Rear Temperature	℃	170~190
Mold Temperature	℃	30~50
Back Pressure	MPa	0.0~0.1
Screw Speed	rpm	10~50
Vent Depth	mm	0.02~0.08

Global Network

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