

TECHNICAL DATASHEET

TRIPET® 2500G36

PET

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.61
Water Absorption (24 hours at 23°C)	%	D570	0.1
Melt Flow Rate (275°C, 10kg)	g/10min	D1238	38
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	1,600
Tensile Elongation at break	%	D638	3
Flexural Strength at yield	kg _f /cm ²	D790	2,300
Flexural Modulus	kg _f /cm ²	D790	110,000
Izod Impact Strength, notched, 23°C (1/8")	kg _f ·cm/cm	D256	10
THERMAL			
HDT, 18.6 kg _f /cm ²	°C	D648	228
ELECTRICAL			
OTHERS			
Mold Shrinkage (3mm thickness)	%	D955	0.2~0.4

※ 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

TRIPET® 2500G36 GRADE

PET

- General processing conditions for TRIPET2500G36 are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	120
Drying Time	hr	3-5
Moisture Content, Max	%	0.02
Melt Temperature	℃	250~270
Nozzle Temperature	℃	265~275
Front Temperature	℃	255~265
Middle Temperature	℃	255~265
Rear Temperature	℃	250~260
Mold Temperature	℃	>120

Global Network

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