

**TRIPET® 2500**

Samyang Corporation - Polyethylene Terephthalate

**General Information**
**Product Description**

TRIPET® has excellent mechanical properties and dimensional stability, and good electrical property, widely used in the field of automobile, electric &amp; electronics.

**General**

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Uses	• Electrical Parts • Industrial Applications		

**Properties <sup>1</sup>**

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.22		ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	110	g/10 min	ASTM D1238
<b>Mechanical</b>			
Tensile Strength (Yield)	6400	psi	ASTM D638
Tensile Elongation (Yield)	300	%	ASTM D638
Flexural Modulus	327000	psi	ASTM D790
Flexural Strength (Yield)	9960	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact (73°F)	0.73	ft-lb/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	140	°F	ASTM D648

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.
