

**TRIPET® 2550G30LW**

 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 & electronics.

**General**

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • North America
Uses	• Automotive Exterior Parts

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.54		ASTM D792
Melt Mass-Flow Rate (MFR) (275°C/1.0 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.118 in)	2.0E-3 to 4.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	16200	psi	ASTM D638
Flexural Modulus	1.20E+6	psi	ASTM D790
Flexural Strength (Yield)	32000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	2.5	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	360	°F	ASTM D648

**Notes**

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

