

**TRILOY® 140N**

Samyang Corporation - Polycarbonate + PBT

## General Information

**Product Description**

TRILOY® is the PC based compound resin, designed to meet customer's challenging application requirements.

TRILOY® has good impact resistance, heat resistance, and excellent processability, which makes it suitable for precision parts.

**General**

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • North America
Uses	• Electrical/Electronic Applications

 Properties <sup>1</sup>

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.20		ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/3.8 kg)	32	g/10 min	ASTM D1238
Water Absorption (24 hr, 73°F)	0.15	%	ASTM D570
<b>Mechanical</b>			
Tensile Strength (Yield)	7820	psi	ASTM D638
Tensile Elongation (Yield)	180	%	ASTM D638
Flexural Modulus	299000	psi	ASTM D790
Flexural Strength (Yield)	12100	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact (73°F)	14	ft·lb/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	212	°F	ASTM D648
<b>Flammability</b>			
Flame Rating	V-0		UL 94

