

TRILOY® TP210T

Samyang Corporation - Polycarbonate + ABS

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
Features	• Flame Retardant
Forms	• Pellets

 Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.23		ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/2.16 kg)	15	g/10 min	ASTM D1238
Water Absorption (24 hr, 73°F)	0.20	%	ASTM D570
Mechanical			
Tensile Strength (Yield)	8530	psi	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	498000	psi	ASTM D790
Flexural Strength (Yield)	13500	psi	ASTM D790
Impact			
Notched Izod Impact (73°F, 0.125 in)	0.92	ft-lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	198	°F	ASTM D648
Flammability			
Flame Rating (0.06 in)	V-0		UL 94

