

**TRILOY® MF250C**

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 <sup>1</sup>**

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.26		ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/2.16 kg)	11	g/10 min	ASTM D1238
Water Absorption (24 hr, 73°F)	0.20	%	ASTM D570
<b>Mechanical</b>			
Tensile Strength (Yield)	8960	psi	ASTM D638
Flexural Modulus	526000	psi	ASTM D790
Flexural Strength (Yield)	13700	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact (73°F, 0.125 in)	1.1	ft·lb/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	196	°F	ASTM D648
<b>Flammability</b>			
Flame Rating (0.08 in)	5VB		UL 94

