

**TRILOY® EM220**

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
Uses	• Office Automation Equipment

 Properties <sup>1</sup>

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.17		ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/2.16 kg)	27	g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.118 in)	3.0E-3 to 4.0E-3	in/in	ASTM D955
<b>Mechanical</b>			
Tensile Strength (Yield)	8250	psi	ASTM D638
Tensile Elongation (Yield)	80	%	ASTM D638
Flexural Modulus	398000	psi	ASTM D790
Flexural Strength (Yield)	12100	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact (73°F)	9.2	ft·lb/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	187	°F	ASTM D648

