

**TRIREX® Compound ST3-3025U**

Samyang Corporation - Polycarbonate

## General Information

**Product Description**

Si-PC (Siloxane PC) is a polycarbonate-polysiloxane copolymer, having excellent low temperature ductility, impact toughness and chemical resistance.

**General**

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

 Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.19		ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	4.0	g/10 min	ASTM D1238
Water Absorption (24 hr, 73°F)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9250	psi	ASTM D638
Tensile Elongation (Yield)	100	%	ASTM D638
Flexural Modulus	299000	psi	ASTM D790
Flexural Strength (Yield)	12800	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	16	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	270	°F	ASTM D648

