

TRIREX® Compound EM3022U

Samyang Corporation - Polycarbonate

General Information

Product Description

Polycarbonates provides excellent mechanical properties, dimensional stability, and good electrical property. Widely used in various industrial fields such as electronics, automobiles.

General

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

 Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20		ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	14	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9250	psi	ASTM D638
Flexural Modulus	299000	psi	ASTM D790
Flexural Strength (Yield)	12100	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	13	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	248	°F	ASTM D648

Notes

¹ Typical properties: these are not to be construed as specifications.

