

TRIREX® Compound ES3020

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 Housing • Electrical/Electronic Applications		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	45	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	7110	psi	ASTM D638
Tensile Elongation (Yield)	700	%	ASTM D638
Flexural Modulus	256000	psi	ASTM D790
Flexural Strength (Yield)	853	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	12	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	208	°F	ASTM D648

Notes

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

