

LEXAN™ FR Resin LGK4030

PC-GF40

Saudi Basic Industries Corporation (SABIC)

Product Texts

LGK4030 is based on Polycarbonate containing 40% of glass fiber and glass flakes. Added feature includes Dimensional Stability and Flame Retardant.

UL Yellow Card Link [E45587-236911](https://www.ul.com/yellow-card/E45587-236911)

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	8820	MPa	ASTM D 790
Flexural Strength	180	MPa	ASTM D 790
Rockwell Hardness	M 91	-	ASTM D 785
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1,5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
ASTM Data			
DTUL @ 66 psi	145	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	>1E15	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1540	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Additives

Flame retarding agent

Regional Availability

North America, Europe, Asia Pacific