

LEXAN™ FR Resin LGK4010

PC-GF40

Saudi Basic Industries Corporation (SABIC)

Product Texts

LGK4010 is based on Polycarbonate containing 40% of glass fiber and glass flakes. Added feature includes Dimensional Stability and Flame Retardant.

UL Yellow Card Link [E45587-236910](https://www.ul.com/yellowcard/E45587-236910)

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	6860	MPa	ASTM D 790
Flexural Strength	156	MPa	ASTM D 790
Rockwell Hardness	M 91	-	ASTM D 785
Izod Impact notched, 1/8 in	78	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	147	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1530	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