

LEXAN™ FR Resin DSL1120

PC-GB20

Saudi Basic Industries Corporation (SABIC)

Product Texts

LEXAN DSL1120 compound is based on Polycarbonate (PC) resin containing 20% glass bead. Added features of this grade include: Flame Retardant.

UL Yellow Card Link [E207780-228416](https://www.ul.com/yellow-card/E207780-228416)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9.6	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn.	V-1	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	290 - 310	°C	-
Mold temperature	70 - 95	°C	-
Zone 1	265 - 290	°C	-
Zone 2	275 - 300	°C	-
Zone 3	290 - 310	°C	-
Screw speed	40 - 70	rpm	-
Back pressure	0.3 - 0.7	MPa	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Additives

Flame retarding agent

Regional Availability

North America, Europe, Asia Pacific