

NORYL™ Resin GFN2L - Asia

(PPE+PS)-GF20

Saudi Basic Industries Corporation (SABIC)

Product Texts

NORYL™ GFN2L resin is a 20% glass reinforced blend of polyphenylene ether (PPE) + high impact polystyrene (HIPS). This injection moldable grade exhibits very low moisture absorption, high strength, hydrolytic stability, Low warpage, low specific gravity, and dimensional stability.

UL Yellow Card Link [E45587-237021](https://www.ulprospector.com/usa/Products/Plastics/237021)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11.1	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	5570	MPa	ASTM D 790
Flexural Strength	142	MPa	ASTM D 790
Rockwell Hardness	R 124	-	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.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Constant, 60 Hz	2.86	-	ASTM D 150
Surface Resistivity	>1E15	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1230	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Applications

Automotive

Chemical Resistance

Hydrolytically Stable

Regional Availability

Asia Pacific