

**NORYL™ Resin PX2938 - Asia**

(PPE+PS)-GF20

Saudi Basic Industries Corporation (SABIC)

**Product Texts**

PPE+PS GF20% High Heat FR V-0

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	19.8	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	5	kg	-

**Mechanical properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Flexural Modulus	5640	MPa	ASTM D 790
Flexural Strength	143	MPa	ASTM D 790
Rockwell Hardness	R 127	-	ASTM D 785
Izod Impact notched, 1/8 in	87	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	85	J/m	ASTM D 256
Temperature	-30	°C	-

**Other properties**

	Value	Unit	Test Standard
Density	1260	kg/m <sup>3</sup>	ASTM D 792

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Pre-drying - Temperature	110 - 120	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	300 - 325	°C	-
Mold temperature	80 - 110	°C	-
Zone 1	265 - 315	°C	-
Zone 2	275 - 320	°C	-
Zone 3	290 - 325	°C	-
Screw speed	20 - 100	rpm	-
Back pressure	0.3 - 0.7	MPa	-

**Characteristics****Regional Availability**

Asia Pacific