

**NORYL™ Resin PX0888 - Americas**

(PPE+PS)

Saudi Basic Industries Corporation (SABIC)

**Product Texts**

NORYL™ PX0888 resin is a non-reinforced blend of polyphenylene ether (PPE) + high impact polystyrene (HIPS). This grade exhibits very low moisture absorption, hydrolytic stability, dimensional stability, good foam adhesion, and property retention over a wide temperature range. NORYL PX0888 resin is inherently UL94 HB and is an excellent candidate for automotive interior applications such as instrument panels, audio components, speaker housings, and interior trim.

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	6	cm <sup>3</sup> /10min	ISO 1133
Temperature	300	°C	-
Load	2.16	kg	-

**Mechanical properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	58	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Rockwell Hardness	R 118	-	ASTM D 785
Izod Impact notched, 1/8 in	197	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	133	J/m	ASTM D 256
Temperature	-40	°C	-

**Other properties**

	Value	Unit	Test Standard
Density	1040	kg/m <sup>3</sup>	ASTM D 792

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Pre-drying - Temperature	105 - 110	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	280 - 310	°C	-
Mold temperature	75 - 105	°C	-
Zone 1	250 - 300	°C	-
Zone 2	260 - 305	°C	-
Zone 3	270 - 310	°C	-
Screw speed	20 - 100	rpm	-
Back pressure	0.3 - 0.7	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America

**Chemical Resistance**

Hydrolytically Stable