

# NORYL™ Resin RN0206 - Asia

(PPE+PS)

Saudi Basic Industries Corporation (SABIC)

## Product Texts

RN0206 is an unfilled Post Consumer Recycle (PCR) based injection moldable modified polyphenylene ether resin comprising at least 10% PCR styrenic series resin content. Available in black only.

UL Yellow Card Link [E207780-100850147](https://www.ulprospector.com/usa/Products/Plastics/PE/PPE/100850147)

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	73	MPa	ASTM D 638
Elongation at Break	14	%	ASTM D 638
Izod Impact notched, 1/8 in	180	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Other properties	Value	Unit	Test Standard
Density	1100	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	275 - 305	°C	-
Mold temperature	70 - 100	°C	-
Zone 1	245 - 295	°C	-
Zone 2	255 - 300	°C	-
Zone 3	265 - 305	°C	-
Screw speed	20 - 100	rpm	-
Back pressure	0.3 - 0.7	MPa	-

## Characteristics

### Processing

Injection Molding

### Regional Availability

Asia Pacific

### Certifications

Recycled Resin Content