

NORYL™ Resin EX130 - Asia

(PPE+PS)

Saudi Basic Industries Corporation (SABIC)

Product Texts

NORYL™ EX130 resin is a non-reinforced blend of polyphenylene ether (PPE) + high impact polystyrene (HIPS). This injection molding grade exhibits a good balance of impact resistance and surface aesthetics. NORYL EX130 resin, with its low warpage and dimensional stability, is an excellent candidate for automotive exterior applications.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4.6	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	2160	MPa	ASTM D 790
Flexural Strength	78	MPa	ASTM D 790
Izod Impact notched, 1/8 in	235	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	1060	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	275 - 310	°C	-
Mold temperature	70 - 110	°C	-
Zone 1	245 - 290	°C	-
Zone 2	265 - 300	°C	-
Zone 3	270 - 310	°C	-
Screw speed	40 - 60	rpm	-
Back pressure	0.5 - 1.4	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Applications

Automotive