

NORYL™ Resin N802 - Asia

(PPE+PS)

Saudi Basic Industries Corporation (SABIC)

Product Texts

NORYL™ N802 resin is a non-reinforced blend of polyphenylene ether (PPE) + high impact polystyrene (HIPS). This injection moldable grade contains non-brominated, non-chlorinated flame retardant and carries a UL94 flame rating of V2 at 0.8mm. NORYL N802 resin exhibits high flow, good dimensional stability, and low specific gravity. It is an excellent candidate for a variety of printer applications.

UL Yellow Card Link [E207780-228568](https://www.ul.com/yellow-card/E207780-228568)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	21	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	2150	MPa	ASTM D 790
Flexural Strength	53	MPa	ASTM D 790
Izod Impact notched, 1/8 in	78	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Other properties	Value	Unit	Test Standard
Density	1080	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Additives

Flame retarding agent

Regional Availability

Asia Pacific