

NORYL™ Resin CN5258 - Asia

(PPE+PS)-X40

Saudi Basic Industries Corporation (SABIC)

Product Texts

NORYL™ CN5258 resin is a 40% filled blend of polyphenylene ether (PPE) + high impact polystyrene (HIPS). This high modulus, injection moldable grade contains non-brominated, non-chlorinated flame retardant and carries a UL94 flame rating of 5VB at 2mm and V1 at 1.5mm. NORYL CN5258 resin exhibits good dimensional stability, low moisture absorption, high rigidity and is an excellent candidate for printer chassis applications.

UL Yellow Card Link [E207780-228542](https://www.ulprospector.com/207780-228542)

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	10000	MPa	ASTM D 790
Flexural Strength	158	MPa	ASTM D 790
Izod Impact notched, 1/8 in	68	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn.	V-1	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. 5V at thickness h	5VB	class	IEC 60695-11-20
Thickness tested	2.0	mm	-

Other properties	Value	Unit	Test Standard
Density	1420	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Additives

Flame retarding agent

Regional Availability

Asia Pacific