

**NORYL™ Resin CN5246 - Asia**

(PPE+PS)-X30

Saudi Basic Industries Corporation (SABIC)

**Product Texts**

NORYL™ CN5246 resin is a 30% 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 CN5246 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)

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Flexural Modulus	<b>8230</b>	MPa	ASTM D 790
Flexural Strength	<b>152</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>68</b>	J/m	ASTM D 256

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

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1330</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant

**Additives**

Flame retarding agent

**Regional Availability**

Asia Pacific