

NORYL™ Resin CN1134 - Asia

(PPE+PS)-X20

Saudi Basic Industries Corporation (SABIC)

Product Texts

NORYL™ CN1134 resin is a 20% 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 V1 at 1.5mm. NORYL CN1134 resin exhibits good dimensional stability, low moisture absorption, and high rigidity. It is an excellent candidate for printer chassis and electric vehicle battery (EV) applications.

UL Yellow Card Link [E207780-228541](https://www.ul.com/yellow-card/E207780-228541)

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 22.1 | g/10min | ASTM D 1238 |
| Temperature | 300 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------------|-------------|------|---------------|
| ASTM Data | | | |
| Flexural Modulus | 5880 | MPa | ASTM D 790 |
| Flexural Strength | 137 | 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 | - |

| Other properties | Value | Unit | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density | 1230 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Applications

Automotive

Additives

Flame retarding agent

Regional Availability

Asia Pacific

Special Characteristics

Flame retardant