

**Product Texts**

30% Glass fiber filled, enhanced flow Polyetherimide copolymer (Tg 225C) with enhanced chemical resistance to strong acids, bases, aromatics, and ketones. ECO conforming, UL94 V0 and 5VA listing.

UL Yellow Card Link [E121562-221121](https://www.ulprospector.com/Asia/UL94V0/5VA/UL94V0-5VA-UL94V0-5VA-UL94V0-5VA)

| Processing/Physical Characteristics | Value | Unit    | Test Standard |
|-------------------------------------|-------|---------|---------------|
| <b>ASTM Data</b>                    |       |         |               |
| Melt Flow Index, MFI                | 4     | g/10min | ASTM D 1238   |
| Temperature                         | 337   | °C      | -             |
| Load                                | 6.6   | kg      | -             |

| Mechanical properties       | Value | Unit | Test Standard |
|-----------------------------|-------|------|---------------|
| <b>ASTM Data</b>            |       |      |               |
| Tensile Modulus             | 8960  | MPa  | ASTM D 638    |
| Tensile Strength at Break   | 165   | MPa  | ASTM D 638    |
| Elongation at Break         | 3     | %    | ASTM D 638    |
| Izod Impact notched, 1/8 in | 96    | J/m  | ASTM D 256    |

| Thermal properties                    | Value | Unit  | Test Standard   |
|---------------------------------------|-------|-------|-----------------|
| <b>ISO Data</b>                       |       |       |                 |
| Burning behav. at 1.5 mm nom. thickn. | V-0   | class | IEC 60695-11-10 |
| Thickness tested                      | 1.5   | mm    | -               |
| Burning behav. 5V at thickness h      | 5VA   | class | IEC 60695-11-20 |
| Thickness tested                      | 1.5   | mm    | -               |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1520  | kg/m <sup>3</sup> | ASTM D 792    |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature                    | 150       | °C   | -             |
| Pre-drying - Time                           | 4 - 6     | h    | -             |
| Processing humidity                         | ≤0.02     | %    | -             |
| Melt temperature                            | 365 - 390 | °C   | -             |
| Mold temperature                            | 135 - 165 | °C   | -             |
| Zone 1                                      | 345 - 365 | °C   | -             |
| Zone 2                                      | 355 - 375 | °C   | -             |
| Zone 3                                      | 365 - 390 | °C   | -             |
| Screw speed                                 | 40 - 70   | rpm  | -             |
| Back pressure                               | 0.3 - 0.7 | MPa  | -             |

**Characteristics**

**Processing**  
Injection Molding

**Applications**  
Automotive

**Chemical Resistance**  
General Chemical Resistance

**Regional Availability**  
Asia Pacific