

Norpex® PPE AX300

Polyphenylene Ether

Custom Resins Group

Message:

Poly(phenylene ether) (PPE) with higher heat resistance and excellent strength
It is intended for injection molding

| General Information | | | |
|---|-------------------|-------------------|-------------|
| Features | High Strength | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.06 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow | 0.50 to 0.70 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 68.9 | MPa | ASTM D638 |
| Flexural Modulus | 2410 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 270 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 149 | °C | ASTM D648 |

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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