

# NORYL GTX™ GTX600 resin

Polyphenylene Ether + PS + Nylon

SABIC Innovative Plastics Asia Pacific

## Message:

Pa6 based unfilled GTX

| General Information                                               |                  |                   |                 |
|-------------------------------------------------------------------|------------------|-------------------|-----------------|
| UL YellowCard                                                     | E45587-236803    |                   |                 |
| Physical                                                          | Nominal Value    | Unit              | Test Method     |
| Specific Gravity                                                  | 1.10             | g/cm <sup>3</sup> | ASTM D792       |
| Molding Shrinkage - Flow (3.20 mm)                                | 0.70 to 0.90     | %                 | Internal Method |
| Water Absorption (24 hr)                                          | 0.60             | %                 | ASTM D570       |
| Mechanical                                                        | Nominal Value    | Unit              | Test Method     |
| Tensile Strength (Yield)                                          | 64.7             | MPa               | Internal Method |
| Tensile Elongation (Break)                                        | 120              | %                 | Internal Method |
| Flexural Modulus                                                  | 2050             | MPa               | ASTM D790       |
| Flexural Strength                                                 | 87.3             | MPa               | ASTM D790       |
| Impact                                                            | Nominal Value    | Unit              | Test Method     |
| Notched Izod Impact (23°C)                                        | 640              | J/m               | ASTM D256       |
| Thermal                                                           | Nominal Value    | Unit              | Test Method     |
| Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm) | 185              | °C                | ASTM D648       |
| CLTE - Flow (-30 to 30°C)                                         | 7.5E-5 to 8.5E-5 | cm/cm/°C          | ASTM E831       |

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## Recommended distributors for this material

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