

NORYL™ RESIN INT2001

REGION ASIA

DESCRIPTION

PPE+PS Unfilled for Auto Interior

TYPICAL PROPERTY VALUES

Revision 20180905

| PROPERTIES | TYPICAL VALUES | UNITS | TEST METHODS |
|-----------------------------------|-------------------|----------|----------------------|
| MECHANICAL | | | |
| Tensile Stress, yield | 44 | MPa | SABIC - Japan Method |
| Tensile Strain, break | 76 – 76 | % | SABIC - Japan Method |
| Flexural Stress | 75 | MPa | ASTM D 790 |
| Flexural Modulus | 2090 | MPa | ASTM D 790 |
| IMPACT | | | |
| Izod Impact, notched, 23°C | 236 | J/m | ASTM D 256 |
| THERMAL | | | |
| HDT, 1.82 MPa, 6.4 mm, unannealed | 120 | °C | ASTM D 648 |
| CTE, -30°C to 30°C | 0.00007 – 0.00007 | 1/°C | TMA |
| PHYSICAL | | | |
| Specific Gravity | 1.05 | - | ASTM D 792 |
| Water Absorption, 24 hours | 0.06 | % | ASTM D 570 |
| Mold Shrinkage, flow, 3.2 mm | 0.5 – 0.7 | % | SABIC method |
| Melt Flow Rate, 250°C/ 10.0 kgf | 6.6 | g/10 min | ASTM D 1238 |

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