

## XENOY™ RESIN RCX201

REGION ASIA

### TYPICAL PROPERTY VALUES

Revision 20180807

| PROPERTIES                       | TYPICAL VALUES | UNITS | TEST METHODS         |
|----------------------------------|----------------|-------|----------------------|
| <b>MECHANICAL</b>                |                |       |                      |
| Tensile Stress, yield            | 52             | MPa   | SABIC - Japan Method |
| Tensile Strain, break            | 200 – 200      | %     | SABIC - Japan Method |
| Flexural Stress                  | 82             | MPa   | ASTM D790            |
| Flexural Modulus                 | 2150           | MPa   | ASTM D790            |
| <b>IMPACT</b>                    |                |       |                      |
| Izod Impact, notched, 23°C       | 392            | J/m   | ASTM D256            |
| Izod Impact, notched, -30°C      | 50             | J/m   | ASTM D256            |
| <b>THERMAL</b>                   |                |       |                      |
| HDT, 1.82 MPa, 3.2mm, unannealed | 130            | °C    | ASTM D648            |
| CTE, -30°C to 30°C               | 6.E-05         | 1/°C  | TMA                  |
| <b>PHYSICAL</b>                  |                |       |                      |
| Specific Gravity                 | 1.23           | -     | ASTM D792            |
| Mold Shrinkage, flow, 3.2 mm     | 0.5 – 0.8      | %     | SABIC method         |

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