

## Material Property

### DESCRIPTION

This superior performance compound has been optimized with a UV stabilization package.

| GENERAL PROPERTIES | VALUE | UNIT              | TEST STANDARD |
|--------------------|-------|-------------------|---------------|
| Filler Content     | 20    | %                 | ISO 3451/1    |
| Density            | 1.05  | g/cm <sup>3</sup> | ISO 1183A     |
| Melt Flow          | 8     | g/10 min          | ISO 1133      |

| MECHANICAL PROPERTIES | VALUE | UNIT              | TEST STANDARD |
|-----------------------|-------|-------------------|---------------|
| Tensile Strength      | 66    | MPa               | ISO 527       |
| Flexural Strength     | 103   | MPa               | ISO 178       |
| Flexural Modulus      | 4200  | MPa               | ISO 178       |
| Charpy Notched 23°C   | 7     | kJ/m <sup>2</sup> | ISO 179       |

| THERMAL PROPERTIES | VALUE | UNIT | TEST STANDARD |
|--------------------|-------|------|---------------|
| HDT @ 1.8 MPa      | 140   | °C   | ISO 75        |

### Auto Approvals

n/a

Always review the MSDS prior to using any of our products. The Material Safety Data Sheet for this product is available either by contacting Asahi Kasei Plastics NA Inc. or by visiting [www.akplastics.com](http://www.akplastics.com).

There are many factors which contribute to optimal processing and part production; geometry, thickness of the part, as well as application requirements that can impact dimensional tolerances and part appearance. Please contact our company for technical assistance in this area.

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