

Product information

Manufacturer Kuraray Co., Ltd.

Hardness	Condition	Standard	Value	Unit
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Rockwell Hardness M(Scale) ISO 2039 90

Mechanical behavior	Condition	Standard	Value	Unit
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Charpy Un-notch Impact 23°C ISO 179 2 kJ/m²

Elongation 23°C ISO 527 15 %

Flexural Modulus 23°C ISO 178 4800 MPa

Tensile Modulus 23°C ISO 527 2700 MPa

Tensile Strength 23°C ISO 527 34 MPa

Physical property	Condition	Standard	Value	Unit
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Density ISO 1183 1.19 g/cm³

Melt Index 190°C 2.16kg ISO 1133 1.6 g/10min

Melt Index 210°C 2.16kg ISO 1133 3.7 g/10min

Oxygen Transmission 20°C 0RH 0.0059

Oxygen Transmission 20°C 65RH 0.0079

Oxygen Transmission 20°C 85RH 0.03

Water Vapor Transmission 40°C 90RH ASTM E96 1.3

Thermal	Condition	Standard	Value	Unit
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Crystallization Temperature ISO 11357 158

Glass Transition Temperature ISO 11357 57 °C

Melting Temperature ISO 11357 183 °C