

# Novodur 550

Acrylonitrile Butadiene Styrene (ABS)

## TECHNICAL DATASHEET

### DESCRIPTION

Novodur 550 is an extrusion grade optimized for sheet applications. It has high heat resistance and good processability.

| Property, Test Condition               | Standard    | Unit              | Values |
|--|-------------|-------------------|--------|
| <b>Rheological Properties</b>          |             |                   |        |
| <b>Mechanical Properties</b>           |             |                   |        |
| Charpy Notched Impact Strength, 23 °C  | ISO 179/1eA | kJ/m <sup>2</sup> | 25     |
| Charpy Notched Impact Strength, -30 °C | ISO 179/1eA | kJ/m <sup>2</sup> | 13     |
| Izod Notched Impact Strength, 23 °C    | ISO 180/A   | kJ/m <sup>2</sup> | 32     |
| Izod Notched Impact Strength, -30 °C   | ISO 180/A   | kJ/m <sup>2</sup> | 13     |
| Tensile Stress at Yield, 23 °C         | ISO 527     | MPa               | 40     |
| Tensile Modulus                        | ISO 527     | MPa               | 2100   |
| Tensile Strain at Break, 23 °C         | ISO 527     | %                 | 28     |
| Flexural Strength, 23 °C               | ISO 178     | MPa               | 60     |
| Flexural Modulus, 23 °C                | ISO 178     | MPa               | 1500   |
| <b>Thermal Properties</b>              |             |                   |        |
| <b>Other Properties</b>                |             |                   |        |

Typical values for uncolored products

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