

## Technical Data Sheet

# x45 Natural, x45 Clear, and x45 Black

Multi-purpose resin with optimum toughness and processing speed

Tensile Properties	Test	Typical Values
Tensile Modulus	ASTM D638	>1.6 GPa
Ultimate Tensile Strength	ASTM D638	>52 MPa
Tensile Elongation at Break	ASTM D638	>12 %

Impact Properties	Test	Typical Values
Notched Izod (Machined), -30 °C	ASTM D256	20 J/m

Flexural Properties	Test	Typical Values
Flexural Modulus	ASTM D790	>2.1 GPa
Flexural Strength	ASTM D790	>95 MPa

Hardness	Test	Typical Values
Shore D	ASTM D2240	84

Other	Test	Typical Values
Water Absorption	ASTM D570	6.00%

1) Determined with TA-Instrument DHR rheometer, cone/plate, diameter 60 mm, shear rate 100 s<sup>-1</sup>

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