

IORA MODEL CLEAR – Spec Sheet

(to be used for Stratasys Polyjet® machines)

MECHANICAL PROPERTIES	UNIT	METRIC	TEST METHOD
Tensile Strength, Ultimate	MPa	50 – 65	ASTM D638
Tensile Modulus	MPa	2,000 – 3,000	ASTM D638
Tensile Elongation at Break	%	15 – 25	ASTM D638
IZOD Impact, notched (Method A, 23°C)	J/m	20 – 30	ASTM D256
Flexural Strength	MPa	75 – 110	ASTM D790
Flexural Modulus	MPa	2,200 – 3,200	ASTM D790

THERMAL PROPERTIES	UNIT	METRIC	TEST METHOD
Heat Deflection (HDT) @ 0,45 MPa	°C	45 – 50	ASTM D648
Heat Deflection (HDT) @ 1,82 MPa	°C	45 – 50	ASTM D648
Glass Transition Temperature (Tg)	°C	52 – 54	DMA

OTHER PROPERTIES	UNIT	METRIC	TEST METHOD
Water Absorption (24 h)	%	1,1 – 1,5	ASTM D570

*available on request

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