

IORA Model Flex 30A Black – Spec Sheet

(to be used on PolyJet® rapid prototyping machines)

IORA Model Flex 30A Black is a soft, flexible material for advanced prototypes with rubber-like properties. It can be used for the simulation of overmolded parts as well as living hinges, grips, seals and all kind of prototypes where flexible material is needed.

Mechanical Properties	Value	Test Method
Tensile Strength	50-65 MPa	ASTM D412
Tensile Elongation at Break	13-24 %	ASTM D412
Tensile Tear resistance	20-30 J/m	ASTM D624

Other Properties	Value	Test Method
Shore Hardness	25 – 30 A	ASTM D2240
Density	1.13-1-15 g/ccm	ASTM D792

The given values are typical values only, which are not intended for design or specification purposes. Test parts were printed on a Stratasys® Objet500 Connex1 printer under standard parameters. All parts were printed in flat XY-orientation.

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