

# LUVOSINT® TPU X92A-1064 WT

Advanced TPU Material successfully tested for FLIGHT® Technology

## Key Features:

- > Superb elongation, high size-stability
- > Good material recyclability
- > Fast production with Farsoon's FLIGHT® Technology

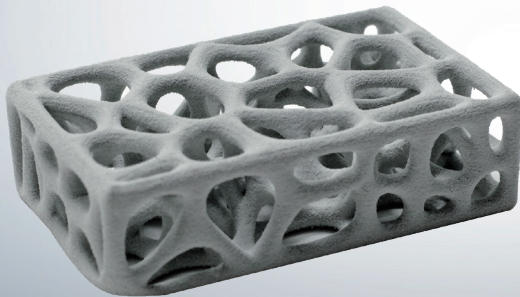
## Example Applications:

- > Well suited for rapid, industrial-scale TPU production
- > Perfect choice for tailored shoe soles, complex tube geometries and medical applications.

## [ Technical Data ]

<b>General Properties</b>	<b>Bulk Density</b>	0.46 g/cm <sup>3</sup>
	<b>Part Density</b>	1.20 g/cm <sup>3</sup>
	<b>Color</b>	Grey
<b>Thermal Properties</b>	<b>Melting Point (10°C/min)</b> <small>ISO 11357-1:2020</small>	160 °C
	<b>Heat Deflection Temp(HDT) @1.8 MPa</b> <small>ISO 78-1:2020</small>	n/a
	<b>Heat Deflection Temp(HDT) @0.45 MPa</b> <small>ISO 78-1:2020</small>	n/a
<b>Mechanical Properties</b>	<b>Tensile Strength</b> <small>ISO 527-1:2019</small>	20 MPa
	<b>Tensile Modulus</b> <small>ISO 527-1:2019</small>	n/a
	<b>Elongation at Break</b> <small>ISO 527-1:2018</small>	520%
	<b>Flexural Strength</b> <small>ISO 178:2019</small>	n/a
	<b>Flexural Modulus</b> <small>ISO 178:2019</small>	27 MPa
	<b>Izod Impact Strength (notched)</b> <small>ISO 180:2019</small>	No break
	<b>Izod Impact Strength (unnotched)</b> <small>ISO 180:2019</small>	No break

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Lattice structure  
System: FLIGHT® HT403P



Triangle structure  
System: FLIGHT® HT403P

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