

# Digital Light Synthesis™ Resin: FPU 50 - Flexible Polyurethane

## Properties

Ultimate tensile strength	29 ± 1 MPa
Elongation at break	280 ± 15%
Young's Modulus	860 ± 110 MPa
Impact strength (notched)	40 ± 5 J/m

Impact, abrasion and fatigue resistant semi-rigid material. A good choice for parts that must withstand repetitive stresses such as living hinges or friction fits.

***“Designed to withstand repetitive stresses, making it ideal for tough enclosures, hinges and friction fits.”***

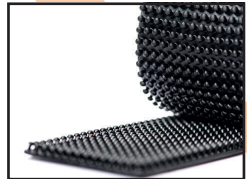
## Example applications



Snap fit band



Connector strain relief



Fastener