

Multi Jet Fusion Resin: PA 12 Nylon

Properties

Ultimate tensile strength	48 MPa
Elongation at break	20%
Heat deflection temperature @ 0.45 MPa	175° C
Impact strength (notched)	3.5 kJ/m

A robust thermoplastic producing high-density parts with balanced property profiles and strong structures. PA 12 has excellent chemical resistance to oils, greases, aliphatic hydrocarbons, and alkalis.

“Robust, rigid and watertight”

Example applications

Images courtesy HP



Under bonnet



Under bonnet



Orthotics