

PA 12 Nylon
for
**Additive Manufacturing
with MJF**

CHEMICAL RESISTANCE

Resistant to many acids, alkalis, grease and salts



PA 12 Provides excellent chemical resistance to oils, greases, aliphatic hydrocarbons, and alkalis.

Due to lower amide concentrations, PA12 Nylon absorbs very little moisture.

REUSABILITY

PA 12 Nylon offers better balance of performance and reusability when compared with SLS, offering 80% post production powder reusability



STABILITY

Stable to light, UV and weather



PA 12 Nylon has demonstrated a good ability to retain integrity and mechanical properties under harsh conditions.

HEAT DEFLECTION

to 175°C @ 45mPa



BIOCOMPATIBILITY



PA 12 Nylon meets meets USP Class I-VI and US FDA guidance for Intact Skin Surface Devices

SUPERIOR STRENGTH

Strong and impact resistant



PA 12 is exceptionally strong even when temperatures dip below freezing. Tensile strength is 48 MPa across all axes