



DINSMORE
AN ADDMAN GROUP COMPANY

MATERIAL SPEC SHEET

UMA90 (UV Cured)

Technology: **Carbon DLS**

COLOR OPTIONS:  CMYK



APPLICATIONS:

General purpose prototyping, jigs, fixtures.

DESCRIPTION:

The UMA family contains rigid resins similar to conventional SLA resins.

FEATURES:

Excellent resolution and detail.

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	46 ± 3 MPa
Modulus of Elasticity, Youngs Modulus	D638M	2000 ± 100 MPa
Elongation Break (%)	D638M	17 ± 2 %
Flexural Strength	D790M	79 ± 5 MPa
Flexural Modulus	D790M	N/A
IZOD Impact Strength (notched)	D256A	33 ± 4 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	51 °C

