

# Prototyping Resin (PR 25)

TECHNOLOGY: **Clip**

APPLICATIONS: **Functional Testing**

## DESCRIPTION:

PR is the prototyping resin used in carbon printers with properties similar to SLA resins. It prints quickly, has excellent resolution, and performs well enough to withstand moderate functional testing. It is available in six colors – cyan, magenta, yellow, black, white, and gray. These colors can be mixed to create custom colors.

PR 25 is a rapid production material that is used to both quickly iterate through engineering designs and produce parts with remarkable detail.

## TECHNICAL DATA

| PROPERTY                  | ASTM | METRIC UNITS  |
|---------------------------|------|---------------|
| Ultimate Tensile Strength | D638 | 26 - 32 MPA   |
| Youngs Modulus            | D638 | 600 - 950 MPA |
| Elongation at Break       | D638 | 15 - 28 %     |
| Impact Strength           | D256 | 24 - 28 J/M   |
| Flexural Strength         | D790 | 35 - 45 MPA   |