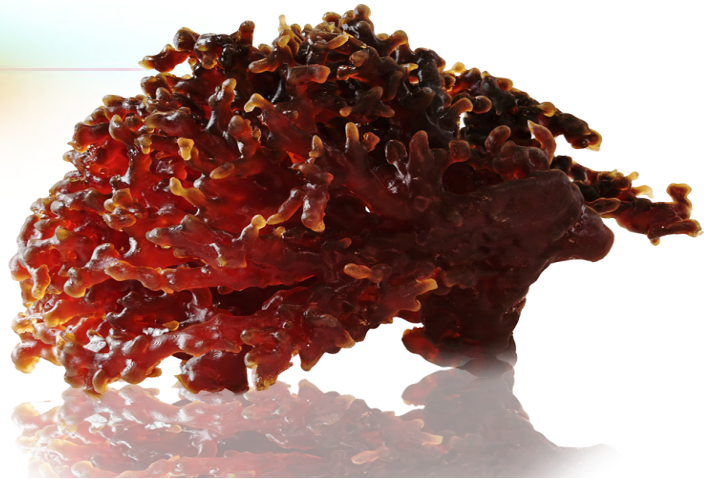




BR3D5KG-FLEXI-AMBER-PRO Daylight **Pro Flexible**



SPECS

FEATURES

Pro Flexible is specially formulated to produce accurate, translucent parts which exhibit great flexibility and elongation. Upon posturing, objects can be compressed and deflected enough to bend and return to the original shape. They will exhibit low tensile shear properties with high elongation where medium force is required to bend and reshape. Pro Flexible allows for both large scale printing of flexible parts within a Liquid Crystal Pro along and detailed printed parts.

Key Benefits include; great elongation, easy to print and process as well as being flexible and tough.

Ideal applications:

- Functional stretchable parts
- Consumer products
- Custom cushioning
- Flexible medical models

PROCESSING INSTRUCTIONS

Follow the procedures laid out in your 3D Liquid Crystal's user manual. Polymer should be poured into the tray away from direct sunlight. Polymer can be reused but should be poured through a filter to remove solid lumps. Keep hood on at all times. Liquid polymer is soluble in water and soap. After making cleaned objects surface tack can be removed by leaving under water in sunlight for 10 minutes.

DATA

Viscosity (At 25°C Brookfield spindle 3)	200 cPs
Hardness (After post exposure)	85 Shore A
Tensile strength ASTM D638 (After post exposure)	4.9 MPa
Tensile strength ASTM D638 (Before post exposure)	1.5 MPa
Tensile modulus ASTM D638 (After post exposure)	-
Elongation at break ASTM D638	60%
Storage	10<t>50°C
Density	1.18 g/cm ³

AVAILABLE COLOURS

Amber

**Other colours available on request*

Available in 5kg bottles with non-drip cap.