



Daylight Flexible

SPECS

FEATURES

Photocentric's range of flexible daylight polymers are ideal for making objects where you want a little flexibility, but still a hard object. Thin objects will compress and deflect enough to bend and return. They exhibit very low tensile shear properties and high elongation, objects can be bent and compressed with some force. Daylight Flexible provides excellent imaging in Liquid Crystal printers. You will experience the benefits of fast exposure times and a wide exposure latitude, allowing you to hold the finest details your machine can provide. The solid material is tough, durable and long lasting provided it is stored correctly

PROCESSING INSTRUCTIONS

Follow the procedures laid out in your 3D Liquid Crystal user manual. For best post-processing results, clean using a Photocentric Wash 15L with Photocentric Resin Cleaner for maximum 15 minutes. Rinse thoroughly with warm soapy water and use a silicone brush/pad to manually clean (flexible resins are more viscous making cleaning more difficult without some manual cleaning). Place in Cure M or L2 in for 1 hour at 60-80°C.



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

Black

Other colours available on request

Available in 1kg bottles with non-drip cap.