

Transparent elastomer

PRC120



Transparent polyurethane resin dedicated to the production of **flexible and semi-rigid technical parts**

Process in vacuum casting machine or manually in silicone polyaddition moulds or in thermoplastic types PP or PE preform..

APPLICATIONS :



Any need for flexible and semi-rigid parts, requiring high quality of **transparency** and **UV resistance**, such as :

- moulding from a casting of LED, light guide,
- Advertising goods, design objects, exhibition model, inclusions

ADVANTAGES :

- High **transparency** and optical characteristics, even with high thickness. Very good transmittance between 400 and 700nm
- **UV resistance**
- **Colouring** possible, diffusing additive available (see picture above)
- Resin can be **machined** to modify or adjust the final part
- **Easy processing**. The low viscosity of the product combined with a long pot life ease the casting process without increasing the demoulding time
- Easy Mixing ratio: 100/100 in volume
- Adapted to bi-components machines