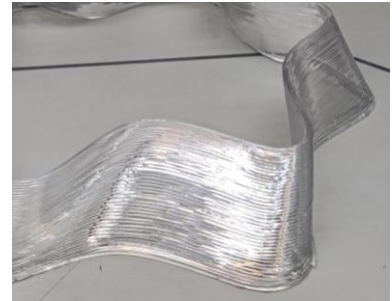


# FGF PMMA 2400 TR G NA01

FGF PMMA 2400 TR G is suitable for applications where transparency, clarity and high light transmission is needed. Higher temperature resistance and clarity compared to PETG, with great interlayer adhesion and almost no warping at all on clean glass.

## Material features:

- Impact modified and high flow PMMA
- Extremely clear transparent
- Increased impact and heat resistance
- Low warping and dimensionally stable
- Excellent interlayer adhesion, low internal stresses
- Glossy surface



## Colours:

FGF PMMA 2400 TR G is available in its natural clear transparent. Other colours on request.

cl1

## Packaging:

FGF PMMA 2400 TR G is available in 20kg bag

## Processing recommendations

Drying	4hr,80°C. <200ppm
Inlet Temperature	135±10 °C
Zone 1 Temperature	240±10 °C
Zone 2 Temperature	240±10 °C
Zone 3 Temperature	240±10 °C
Heated print surface (clean borosilicate glass)	100±10 °C

## Material properties

Description	Testmethod	Typical value
Specific gravity	ISO 1183	1,18 g/cc
MFR 210°C/5 kg	ISO 1133	13 g/10min
Tensile Strength	ISO 527	85 Mpa
Elongation	ISO 527	2,6%
Flexural	ISO 178	2.4 GPa
Impact strength - Charpy unnotched 23°C	ISO 179	21 kJ/m2
Vicat softening temperature	ISO 306	97°C
Heat Deflection Temperature	ISO 75A	88°C
Light Transmission	ASTM D1003	91.5%
Coefficient of Expansion	ASTM E831	8 cm/cm/°C x10 <sup>-5</sup>

## Additional info:

Do not exceed 265 °C for printing temperatures as the material will degrade and turn frosted/diffusing. Ensure proper ventilation and fume extraction while printing. The material is best printed on clean glass surface and a brim. For very large objects it is also possible to print on an acrylic surface and use a raft to avoid fusing with the print surface. Storage: Cool and dry (15-25°C) and away from UV light. This enhances the shelf life significantly.