



LARMOR®YP-037 is an optical fibre primary coating, matched with UV-LED curing. This product has many advantages such as low micro-bending loss, being suitable for high drawing speed, low Helium consumption and low odor.

#### — Liquid Coating Properties

Item	Typical value	Unit
Viscosity, 25°C	9900	mPa·s
Density	1.02	g·cm <sup>-3</sup>
Refractive index	1.476	n/a

#### — Cured Coating Properties

Item	Typical value	Unit
Elongation*	73	%
Tensile strength*	0.60	MPa
Modulus, 2.5% strain*	1.50	MPa
Glass transition temperature	-24.3	°C
Refractive index	1.490	n/a
95% cure dose	0.2	J·cm <sup>-2</sup>
Curing shrinkage	2.5	%
Thermal weight change at 200°C for 40min	4.5	%
Adhesion to glass	0.14	N/cm

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## — Storage Condition

LARMOR®YP-037 is a light curable material; protect this product from all sources of ultraviolet light, including fluorescent lighting and sunlight to prevent premature curing. It is recommended that this coating be stored in a dry place in unopened, undamaged, original containers at temperatures between 15° C and 30° C. Storage or shipment in cold conditions may result in a phase separation which is reversible and is corrected by heating for 24 hours at 50°C.

## — Shelf Life

LARMOR®YP-037 has a recommended shelf life of 12 months from the date of manufacture, provided that the above stated storage conditions are properly maintained.

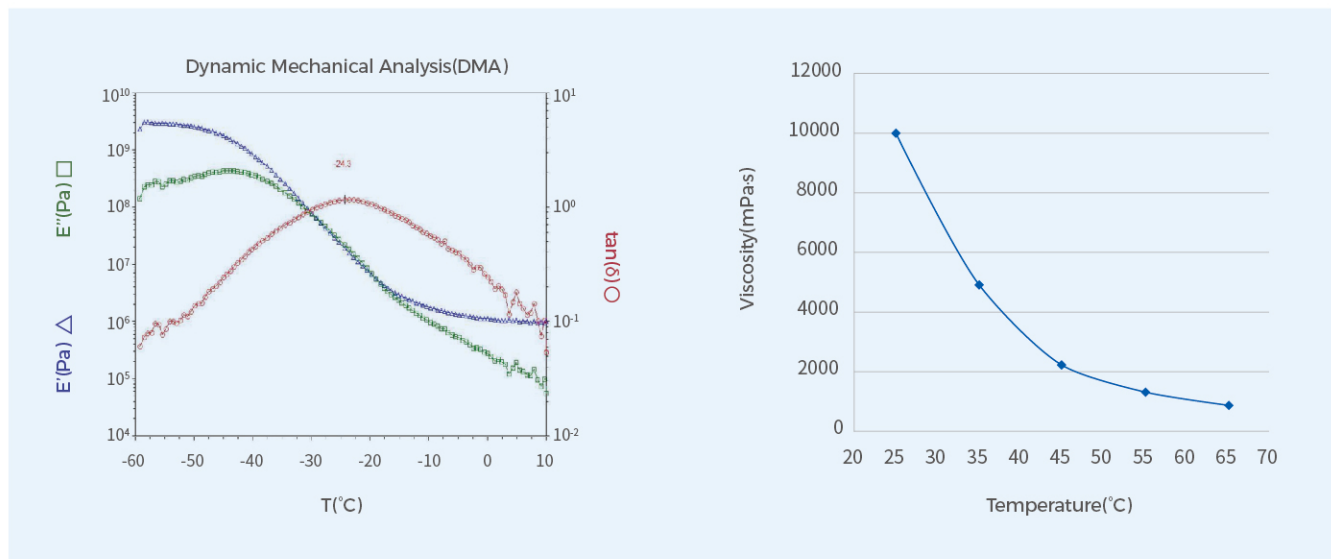
## — Safety Information

This product may cause skin and/or eye irritation and skin sensitization. Material safety data sheet for all products is also available from your Polytech sales representative. All safety and handling recommendations should be followed carefully.

## — Filtration

LARMOR®YP-037 is manufactured using fine filtration techniques designed to eliminate fibre strength problems and ensure uniform product performance.

## — DMA Curve and Viscosity-temperature Curve



NOTES: The information presented herein is based on generally accepted analytical and testing practices and is believed to be accurate.

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