



LARMOR®YSL-017 is an optical fibre secondary coating, matched with UV-LED curing. This product has many advantages such as high strip force, low PMD value, improved mechanical properties after aging and low odor.

— Liquid Coating Properties

| Item | Typical value | Unit |
|------------------|---------------|--------------------|
| Viscosity, 25°C | 8200 | mPa·s |
| Density | 1.12 | g·cm ⁻³ |
| Refractive index | 1.514 | n/a |

— Cured Coating Properties

| Item | Typical value | Unit |
|--|---------------|--------------------|
| Elongation* | 12.0 | % |
| Tensile strength* | 28 | MPa |
| Modulus, 2.5% strain* | 850 | MPa |
| Glass transition temperature | 63.9 | °C |
| Refractive index | 1.539 | n/a |
| 95% cure dose | 0.2 | J·cm ⁻² |
| Curing shrinkage | 5.3 | % |
| Thermal weight change at 200°C for 40min | 3.6 | % |

Polytech Qianjiang Co. Ltd

T. 0086 728 8155098

F. 0086 728 8155099

YOFC South Road, Jiangnan Salinization Industry Park, Qianjiang, Hubei, P.R. China

© 2022 Polytech Qianjiang Co. Ltd All Rights Reserved

*Cured film thickness 150μm, test temperature at 23±2°C, humidity at 50±5%

— Storage Condition

LARMOR®YSL-017 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®YSL-017 has a recommended shelf life of 12 months from the date of manufacture, provided that the above stated storage conditions are properly maintained.

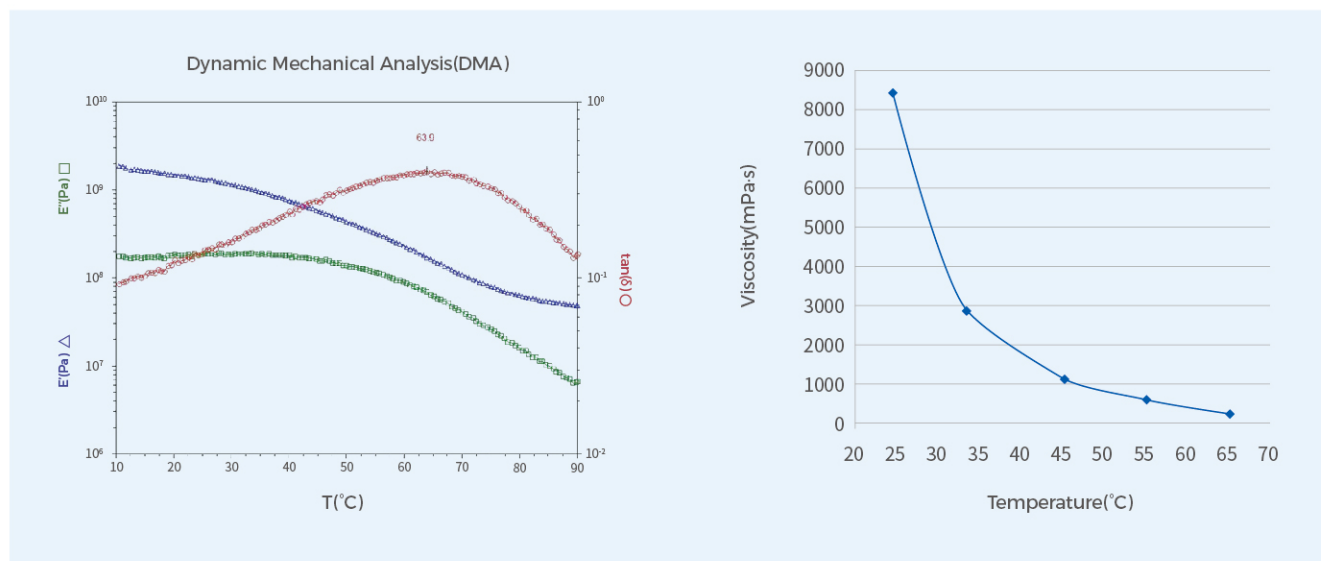
— Safety Information

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®YSL-017 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. However, Polytech expressly disclaims any product warranties which may be implied, including warranties of merchantability and/or fitness for a particular purpose. Our Products are sold subject the standard terms and conditions of sale, copies of which are available upon request. Purchasers are responsible for determining the suitability of the product for its intended use and the appropriate manner of utilizing the product in purchaser's production processes and applications so as to insure safety, quality and effectiveness.