

DATA SHEET

MY-132-V15K: Optical Coating /Adhesive

MY-132-V-15K is a low refractive index UV curable coating/recoating/adhesive. Its main feature is the low refractive index of 1.322 at 950 nm. MY-132-V15K is a tacky polymer, with much better adhesion compared to both MY-132 and MY-132-A.

A typical application is the lamination of 2 flat surfaces or films.

Properties

	Liquid state
RI liquid at 589 nm	1.326
Density, g/cm ³	1.73
Viscosity, cps @ 25°C	14500
	Cured state
RI cured at 589 nm	1.327
RI cured at 950 nm	1.322
Adhesion to glass, 90° Peel, g/cm	40
Elastic modulus, MPa	
Tensile Strength, MPa	
Elongation at Break, %	
Hardness, Shore A	7
Volumetric Shrinkage, %	0.8

The product is supplied pre-filtered to below 1 micron particles.

Storage

1. Avoid unnecessary exposure to ambient light and moisture.
2. Long term storage should be at ambient conditions of 10-30°C.
3. The coating is supplied in glass bottles. Keep container closed to avoid moisture penetration.
4. The shelf life is 12 months.

Application

Curing can be achieved by any source of UV at 300-400nm. Typically, a dose of 1000-2000 mJ/cm² is necessary. Keep the bottle closed in all times when not in use. The material is sensitive to light.

Safety: Refer to the SDS

Note: The above information is believed to be reliable, but it is not to be taken as a representation, warrantee or guarantee. Customers should perform their own QC, QA and evaluation tests.

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