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NORLAND OPTICAL ADHESIVE 148

Norland Optical Adhesive 148 is clear liquid adhesive that will cure when exposed long wavelength ultraviolet light. NOA 148 is recommended for bonding glass to glass. Adhesion is also good to cellulose acetate butyrate. NOA 148 is cured by ultraviolet light between 315 and 395 nm. Full cure requires 6 Joules/cm². NOA 148 can withstand temperatures from -15C to 90C. The adhesive exhibits oxygen inhibition and must be cured under an inert atmosphere if used as a coating to assure surface is tack free.

Typical Properties of NOA 148

Viscosity at 25°C	1500-2000 cps
Color	Clear
Refractive Index cured Polymer	1.48
Elongation at Failure	84.4%
Modulus of Elasticity (psi)	2465
Tensile Strength (psi)	992
Shore A Hardness	90

Keep NOA 148 in a cool (5-22°C) dark place. If refrigerated, allow the adhesive to come to room temperature before using.

Care should be taken in handling this material. The material Safety Data Sheet should be read for this product. Prolonged contact with skin should be avoided and affected areas should be washed thoroughly with copious amounts of soap and water. If adhesive gets into eyes, flush with water for 15 minutes and seek medical attention.