

## PHOTOPOLYMER ADHESIVES

### Areas of Application

The photopolymer adhesives are designed for bonding organic and silicate glass to metals, ceramics, cement, wood, and plastics for civil aviation, machine-building industry, and for military purposes

### Specification

Viscous transparent liquids (colorless or slightly yellowish), high water resistance.

|  |                     |
|--|---------------------|
| Shear strength (glass/steel; 25 °C), MPa     | 15–40               |
| Operating temperature, °C                    | -40...+100          |
| Hardening                                    | UV or visible light |
| Setting time, min                            | 1–5                 |
| Storage life at a temperature ≤30 °C, months | ≥6                  |

### Advantages

In comparison with the known analogs, the adhesives have a lower cost, improved adhesion and ability to bond different types of materials, and are characterized by “absolute” adhesion



Selected areas of adhesives application

Stage of Development.  
Suggestions for Commercialization

IRL7, TRL7  
Manufactured and supplied, upon request

IPR Protection

IPR1

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