

**NEWSLETTER: Loxeal 3459
Magnet Bonding**

Loxeal 3459 is a structural acrylic adhesive, specifically designed for bonding small magnets. It also provides good adhesion on other materials such metals, ferrites and ceramics.

Directions for use: Loxeal 3459 is easy to use, no mixing is required. To be used with its specific Loxeal Activator: apply Activator to one surface and apply adhesive on the other one. Assemble the components and bonding of the parts is immediate.

BENEFITS

- Ideal for high speed assembly production lines
- Very good adhesion on Neodymium magnets (NdFeB)
- Magnetization may be possible 3/4 minutes after assembling
- Fast cure at room temperature
- High temperature resistant
- High shear and impact strength
- Medium viscosity (thixotropic)
- Easy to use: "no mix" application
- Other Activators available to adjust proper curing time
- Fluid version available (Loxeal 3439)
- Non-corrosive



SOME APPLICATIONS EXAMPLES

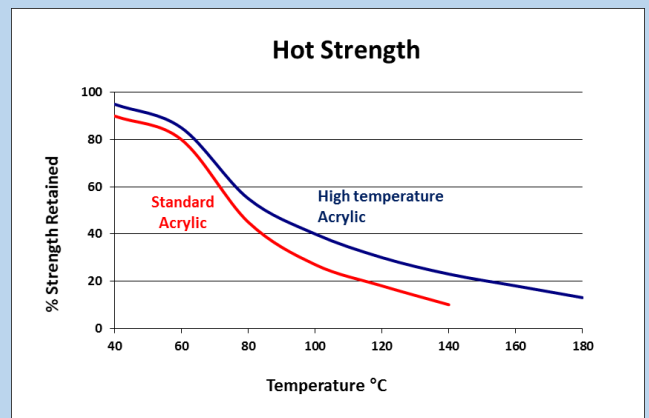
- Electric motors magnets
- Ferrites bonding
- Magnets bonding on plates (Electromechanical market)



Focus on «High temperature acrylic technology»

Loxeal approaches the Electric Motors Market, requiring efficient products that can be used for application involving high temperatures

The graph below shows the mechanical strength vs. temperature. Mild steel specimen - ISO 4587



High Temperature Acrylic Technology may be used for application with electric motor Insulation Class F

Visit our website www.loxeal.com for the full range of our high quality adhesives and their many applications