

Loctite® PRISM® 4210 Instant Adhesive

Category : Polymer , Adhesive , Thermoset , Acrylic/Cyanoacrylate Adhesive

Material Notes:

Cyanoacrylate Bonding Adhesives Loctite® technology has made the productivity promises of cyanoacrylate adhesives a reality with the industry's widest selection of high-performance, application-specific, instant adhesives. Loctite® Instant Adhesives are available in a variety of viscosities, cure speeds, gap-filling capability and substrate compatibility. The ultra high-performance PRISM® family offers additional products that surpass the most stringent demands, including toughened formulations, low odor and low blooming products, surface insensitive and thermally resistant formulations. Loctite® 4210 Thermally Resistant Ethyl PRISM® Instant Adhesive Part of the family of black toughened, thermally resistant instant adhesives. Low viscosity and thermally resistant up to 250°F. Bonding Type:

Cyanoacrylate Typical Use: Close fitting parts.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-PRISM-4210-Instant-Adhesive.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Density | 1.10 g/cc | 0.0397 lb/in ³ | |
| Viscosity | 160 cP | 160 cP | |

| Mechanical Properties | Metric | English | Comments |
|------------------------|----------|----------|--------------------|
| Adhesive Bond Strength | 24.8 MPa | 3600 psi | Grit blasted steel |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 121 °C | 250 °F | |
| Minimum Service Temperature, Air | -53.9 °C | -65.0 °F | |

| Processing Properties | Metric | English | Comments |
|-----------------------|----------|-------------|-----------------------------------|
| Cure Time | 2.00 min | 0.0333 hour | |
| | 1440 min | 24.0 hour | Full Cure; Varies with substrates |

| Descriptive Properties | Value | Comments |
|------------------------|-----------|----------|
| Color | Black | |
| Gap Fill | 0.005 in. | |

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