

ITW Plexus Plexus[®],ç MA320 Methacrylate Adhesive

Category : Polymer , Adhesive , Thermoset , Methacrylate , Methacrylate Adhesive

Material Notes:

Two-part adhesive designed for structural bonding of thermoplastic, metal, and composite assemblies. Excellent low temperature and toughness properties. Information provided by Illinois Tool Works.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ITW-Plexus-Plexus-MA320-Methacrylate-Adhesive.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------|---------------------------|----------|
| Density | 0.935 g/cc | 0.0338 lb/in ³ | Mixed |
| Viscosity | 40000 - 60000 cP | 40000 - 60000 cP | B |
| | 135000 - 175000 cP | 135000 - 175000 cP | A |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-------------------|-----------------|----------|
| Tensile Strength at Break | 13.8 - 17.2 MPa | 2000 - 2500 psi | |
| Elongation at Break | 100 - 140 % | 100 - 140 % | |
| Tensile Modulus | 0.207 - 0.276 GPa | 30.0 - 40.0 ksi | |
| Shear Strength | 10.3 - 13.8 MPa | 1500 - 2000 psi | |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|-----------|-----------|----------|
| Maximum Service Temperature, Air | 121 Â°C | 250 Â°F | |
| Minimum Service Temperature, Air | -55.0 Â°C | -67.0 Â°F | |
| Flash Point | 10.6 Â°C | 51.0 Â°F | TCC |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------------|--------------|----------|
| Pot Life | 8.0 - 12 min | 8.0 - 12 min | |

| Descriptive Properties | Value | Comments |
|------------------------|----------------------------|-----------|
| Color | Off-white, white, or black | |
| Fixture Time | 25-30 minutes | |
| Gap Filling | Max 0.375 in | |
| Mix Ratio | 10:1 | By volume |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China