

Product Technical Data Sheet

APR POLYAMINE

APPLICATIONS

- Accelerator for other curing agents
- Composites
- Civil Engineering
- Adhesives

FEATURES AND BENEFITS

- Very Low Viscosity
- Fast Setting
- High Strength
- AEP Replacement

APR POLYAMINE is a very low viscosity, fast setting amine curing agent for use with liquid epoxy resins with similar performance to AEP.

APR POLYAMINE Properties

| | |
|----------------------|--------------|
| Appearance: | Clear Liquid |
| Viscosity(cps) | 10 - 20 |
| Density(lbs/gal): | 7.9 |
| Equivalent Weight/H: | 43 |

Typical Performance Properties

| | |
|---------------------------------------|--------|
| Liquid Epoxy Resin (190 EEW) | 100 |
| APR POLYAMINE | 23 |
| Gel Time (150g.), mins | 15 |
| Tack Free, 10 mils, hours | |
| @75F | 1 - 2 |
| @45F | 5 - 6 |
| Thin Film Set, 10 mils, hours | |
| @75F | 3 - 4 |
| @45F | 7 - 8 |
| Compressive Strength (ASTM D695), psi | |
| 7 Days (neat resin) | 10,150 |

Data presented are typical laboratory values.



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DISPOSAL: Collect with absorbent material. Dispose of in accordance with current local, state and federal regulations

FIRST AID: In case of skin contact, wash immediately and thoroughly with soap and water. For eye contact, flush immediately with plenty of water for at least 15 minutes. Consult physician immediately. For respiratory problems, remove person to fresh air.

ENVIRONMENTAL SAFETY PRECAUTIONS: (Industrial Use Only) Corrosive. Contains amines. Contact with eyes or skin may cause severe burns. Can cause sensitization after prolonged or repeated use. Use of safety goggles and chemical resistant gloves is highly recommended. Use with adequate ventilation.

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