

# LOCTITE®

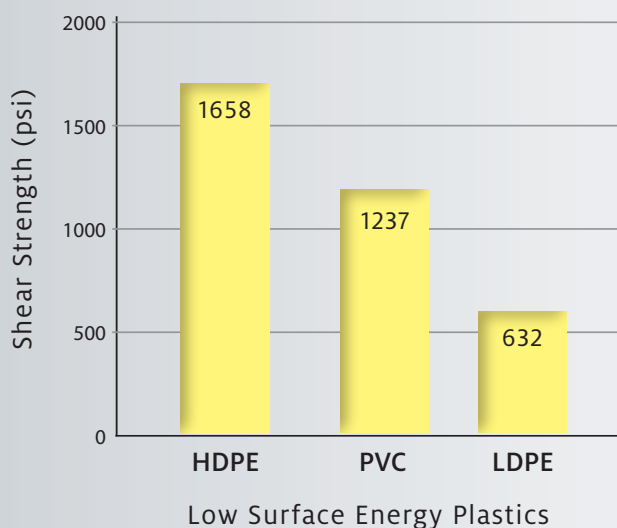


## Loctite® 3035™ Polyolefin Bonder

Loctite® 3035™ Polyolefin Bonder is an easy-to-use, 1:1 mix product that can be stored at room temperature and works where traditional low surface energy bonders often fail. Loctite® 3035™ Polyolefin Bonder offers the highest in reliability and consistency of performance.

- Bonds low surface energy plastics with no surface preparation.
- Fixture time of less than 15 minutes boosts productivity.
- Bonds a wide variety of plastics and metals.
- 1:1 mix ratio ensures consistent mixing.
- Room temperature storage saves on energy & equipment costs.
- Eliminates the need for primers or surface treatments.

### LOCTITE® 3035™ TYPICAL PERFORMANCE



### KEY APPLICATIONS INCLUDE:

Plastic pipes  
Plastic storage tanks  
Appliances  
ATVs  
Outdoor power equipment  
Toys  
Outdoor furniture  
Watercraft and marine accessories





## Engineered Adhesion to Low Surface Energy Substrates

Polyolefin plastics, such as polyethylene and polypropylene, are increasingly being incorporated into part design due to their unique properties and cost effectiveness. The challenge for design engineers is how to assemble parts that incorporate these low surface energy plastics. Mechanical fasteners are impractical and, up until now, most adhesive technologies fail to provide more than modest bond strengths and usually require a significant surface preparation or use of a chemical primer.

| Uncured Properties    |               |                                 |
|-----------------------|---------------|---------------------------------|
| Mix Ratio             |               | 1:1                             |
| Viscosity             |               | Part A 7500cP<br>Part B 60000cP |
| Color                 |               | Pale Yellow                     |
| Curing Properties     |               |                                 |
| Work Life             |               | 2-4 minutes                     |
| Fixture               |               | 10-15 minutes¹                  |
| Shear Strength (psi)  |               |                                 |
| Polyolefins           | HDPE          | 1658                            |
|                       | LDPE          | 632                             |
|                       | PP            | 239                             |
| Metals                | Steel to HDPE | 657                             |
|                       | Aluminum      | 423                             |
| Plastics              | Epoxy         | 1045                            |
|                       | PC            | 726                             |
|                       | PVC           | 1237                            |
| Package Description   |               | Item No.                        |
| 50 ml dual cartridge  |               | 1677288                         |
| 400 ml dual cartridge |               | 1677877                         |

<sup>1</sup> HDPE.



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or email us at [info@hardware specialty.com](mailto:info@hardware specialty.com)

