

## CLS8150 CLR

### Description

CLS8150 CLR is a transparent, self-bonding, two-component silicone rubber for use in liquid injection molding to produce high performance elastomeric parts. CLS8150 CLR is clear, but easily pigmentable. CLS8150 CLR offers a convenient 1:1 mix ratio, high tear strength, and rapid cure time depending upon part size, configurations and molding temperature.

### Key Features and Benefits

- High clarity for excellent visibility
- Self-bonding
- Excellent tear strength
- Convenient 1:1 mix ratio for use with automatic equipment
- Rapid cure time depending upon part size, configuration and molding temperature

### Typical Physical Properties

| Uncured Properties                                                          |      |
|-----------------------------------------------------------------------------|------|
| Cure Rate (Monsato Rheometer MDR 2000<br>@ 177°C or 350°F; w/ Mylar Sheets) |      |
| Torque, maximum, in/lb                                                      | 5.7  |
| Peak Rate, in/lb/min                                                        | 37.2 |
| T-2, seconds                                                                | 11.2 |
| T-90, seconds                                                               | 25.2 |

|                                                            |       |
|------------------------------------------------------------|-------|
| Cured Properties<br>ASTM slabs cures 15 min @ 177°C (350°) |       |
| Color                                                      | Clear |
| Specific Gravity                                           | 1.10  |
| Hardness, Shore A durometer                                | 52    |
| Tensile Strength, psi                                      | 1,170 |
| Elongation, %                                              | 515   |
| Tear Die B, ppi                                            | 200   |

### Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

### Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at [www.momentive.com](http://www.momentive.com) or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

### Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

### Contact Information

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| +704 805 6946           | Direct Number        | Direct number                                         | Toll free           |
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