

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 @ 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	
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

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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 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.

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