

## Multibase SILASTIC® C7-4535 DICUP R Dow-Corning Biomedical Grade ETR Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Silicone, Thermoplastic

### Material Notes:

Information provided by Multibase

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-SILASTIC-C7-4535-DICUP-R-Dow-Corning-Biomedical-Grade-ETR-Elastomer.php](http://www.lookpolymers.com/polymer_Multibase-SILASTIC-C7-4535-DICUP-R-Dow-Corning-Biomedical-Grade-ETR-Elastomer.php)

| Mechanical Properties      | Metric    | English  | Comments                              |
|----------------------------|-----------|----------|---------------------------------------|
| Hardness, Shore A          | 33        | 33       | as molded                             |
|                            | 34        | 34       | post cured- 2 hours at 177°C          |
|                            | 39        | 39       | post cured- 4 hours at 204°C          |
| Tensile Strength, Ultimate | 5.93 MPa  | 860 psi  | post cured- 4 hours at 204°C          |
|                            | 8.34 MPa  | 1210 psi | post cured- 2 hours at 177°C          |
|                            | 8.446 MPa | 1225 psi | as molded                             |
| Tensile Strength, Yield    | 1.07 MPa  | 155 psi  | at 200%, as molded                    |
|                            | 1.24 MPa  | 180 psi  | at 200%, post cured- 2 hours at 177°C |
|                            | 1.38 MPa  | 200 psi  | 200%, post cured- 4 hours at 204°C    |
| Elongation at Break        | 683 %     | 683 %    | post cured- 4 hours at 204°C          |
|                            | 943 %     | 943 %    | post cured- 2 hours at 177°C          |
|                            | 977 %     | 977 %    | as molded                             |
| Tear Strength              | 24.7 kN/m | 141 pli  | post cured- 2 hours at 177°C; Die B   |
|                            | 27.0 kN/m | 154 pli  | post cured- 4 hours at 204°C; Die B   |
|                            | 27.7 kN/m | 158 pli  | as molded; Die B                      |

## Contact Songhan Plastic Technology Co.,Ltd.

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