

## Monmouth Rubber & Plastics Durafoam, C43 Closed Cell Epichlorohydrin

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

Information provided by Monmouth Rubber & Plastics Corp.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Monmouth-Rubber-Plastics-Durafoam-C43-Closed-Cell-Epichlorohydrin.php](http://www.lookpolymers.com/polymer_Monmouth-Rubber-Plastics-Durafoam-C43-Closed-Cell-Epichlorohydrin.php)

| Physical Properties | Metric     | English                   | Comments                  |
|---------------------|------------|---------------------------|---------------------------|
| Density             | 0.288 g/cc | 0.0104 lb/in <sup>3</sup> | ASTM D1056                |
| Water Absorption    | <= 5.0 %   | <= 5.0 %                  | Weight change; ASTM D1056 |

| Mechanical Properties | Metric              | English         | Comments                     |
|-----------------------|---------------------|-----------------|------------------------------|
| Tensile Strength      | 0.689 MPa           | 100 psi         | Die A; ASTM D412             |
| Elongation at Break   | 175 %               | 175 %           | Die A; ASTM D412             |
| Compressive Strength  | 0.0621 - 0.0896 MPa | 9.00 - 13.0 psi | Deflection @ 25%; ASTM D1056 |
| Tear Strength         | 3.51 kN/m           | 20.0 pli        | Die C; ASTM D624             |
| Compression Set       | <= 25 %             | <= 25 %         | ASTM D1056                   |

| Thermal Properties               | Metric    | English   | Comments     |
|----------------------------------|-----------|-----------|--------------|
| Maximum Service Temperature, Air | -40.0 Â°C | -40.0 Â°F |              |
| Minimum Service Temperature, Air | 149 Â°C   | 300 Â°F   |              |
|                                  | 325 Â°C   | 617 Â°F   | Intermittent |

| Descriptive Properties | Value | Comments                                                         |
|------------------------|-------|------------------------------------------------------------------|
| Color                  | Black |                                                                  |
| Fluid Immersion        | <50%  | (7 days at 73.4Â°F) ASTM Ref. Fuel B, Weight Change, ASTM-D-1056 |
| Resilience             | 0.35  | ASTM D2632                                                       |

## Contact Songhan Plastic Technology Co.,Ltd.

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