

## Typical Properties of RE45E

| Polymer                       | EPDM Blend         |                         |                             |
|-------------------------------|--------------------|-------------------------|-----------------------------|
| ASTM D1056 Classification     | 2A5                |                         |                             |
| ASTM D1056 Suffix Compliances | A1, B2, C1, F1, M  |                         |                             |
| ASTM D6576 Classification     | Type II A,B,C Firm |                         |                             |
| Physical Property             | Test Method        | Result (US Units)       | Result (Metric Units)       |
| Density                       | ASTM D1056         | 11 – 15 pcf             | 176 - 240 kg/m <sup>3</sup> |
| Compression Deflection 25%    | ASTM D1056         | 17 - 25 psi             | 117.2 – 172.3 kPa           |
| Compression Set 50%           | ASTM D1056         | 25 % Max                | 25 % Max                    |
| Water Absorption              | ASTM D1056         | 5 % Max                 | 5 % Max                     |
| Tensile Strength              | ASTM D412          | 100 psi Min             | 689.4 kPa Min               |
| Elongation                    | ASTM D412          | 125 % Min               | 125 % Min                   |
| Tear Strength                 | ASTM D624          | 25 lb/in Min            | 4.3 kN/m Min                |
| Resilience                    | ASTM D2632         | 17-27 %                 | 17-27 %                     |
| CD after Oven Aging           | ASTM D1056         | 30% Max                 | 30% Max                     |
| Flammability                  | FMVSS-302          | Pass @ .098” or Thicker |                             |
| Service Temperature           | -40 to 200F        |                         |                             |
| High Intermittent Temperature | 250 F              |                         |                             |

Contact customer service for specification information.

*Disclaimer: This information is furnished as a guide for selecting materials. Rubberlite Inc. makes no warranties, expressed or implied, of merchantability with respect to the goods or that such goods are fit for any particular purpose. It is the customer’s responsibility to obtain and test samples when determining suitability of material for a particular application.*