

Typical Properties of **PLASTAZOTE® LD45**

| Polymer | Crosslinked Polyethylene | | |
|----------------------------|--------------------------|-------------------------|-----------------------|
| Physical Property | Test Method | Result (US Units) | Result (Metric Units) |
| Density | ISO 7214 | 2.8 pcf | 45 kg/m ³ |
| Compression Deflection 25% | ISO 7214 | 13 psi | 90 kPa |
| Compression Deflection 50% | ISO 7214 | 23.6 psi | 163 kPa |
| Compression Set 50% | ISO 7214 | 3% | 3% |
| Tensile Strength | ISO 7214 | 77.8 psi | 537 kPa |
| Elongation | ISO 7214 | 155% | 155% |
| Tear Strength | ISO 8067 | 13.8 lb/in | 2414 N/m |
| Flammability | FMVSS-302 | Pass @ .196" or Thicker | |
| Service Temperature | -94 to 212F | | |
| Thermal Conductivity | ASTM C518 | K Factor .28 | |

Contact customer service for specification inquiries.

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.