



# Polyethylene Foam

| Typical Properties of Crosslinked Polyethelene |                        |                        |                  |
|--|------------------------|------------------------|------------------|
| RubberMill Part No.                            | RFO32W2.0              | RFO32B2.0              | RFO38B2.0        |
| Density  | 2 pcf                  | 2 pcf                  | 2 pcf            |
| Compression (@25% Deflection)                  | 5 psi                  | 5 psi                  | 6 psi            |
| Compression (@50% Deflection)                  | 15 psi                 | 15 psi                 | 14 psi           |
| Water Absorption                               | 2                      | 2                      | 2                |
| Temperature Range                              | -40° F to 160° F       | -40° F to 160° F       | -65° F to 210° F |
| Tensile Strength (min)                         |                        |                        |                  |
| Machine  | 64 psi                 | 64 psi                 | 45 psi           |
| Cross  | 38 psi                 | 38 psi                 |                  |
| Elongation (min)                               |                        |                        |                  |
| Machine  | 142%                   | 142%                   | 80%              |
| Cross  | 99%                    | 99%                    |                  |
| Tear Strength                                  |                        |                        |                  |
| Machine  | 7 lb/in                | 7 lb/in                | 12 lb/in         |
| Cross  | 12 lb/in               | 12 lb/in               |                  |
| Compression Set 50%                            | 24%                    | 24%                    | 30%              |
| Flammability Specifications FMVSS302           | Pass (.312 or thicker) | Pass (.312 or thicker) | Pass             |
| Color  | White                  | Black                  | Black            |

Properties are typical values. Final determination for suitability for use must be made by the customer. (05/18)