



## Technical Data Sheet

### PE 50

| Tests Performed          | Test Method    | Typical Results            |
|--------------------------|----------------|----------------------------|
| Density                  | ASTM D 3535(W) | 4.5-5.5 lb/ft <sup>3</sup> |
| Tensile Strength         | ASTM D 3575(T) | 70-100 psi                 |
| Tear Resistance          | ASTM D 3575(G) | 16-20 lbs/in               |
| Elongation               | ASTM D 3575(T) | 200-300 %                  |
| Compression Set          | ASTM D 3575(B) | <12 %                      |
| Compression Strength 25% | ASTM D 3575(D) | 12-16 psi                  |
| Compression Strength 50% | ASTM D 3575(D) | 23-27 psi                  |
| Thermal Stability        | ASTM D 3575(S) | < 3 %                      |
| Flammability             | FMVSS302       | Pass                       |
| Water Absorption         | ASTM D 1667    | 0.06 lb/ft <sup>2</sup>    |
| Working Temperature      | RANGE          | -40 – 200°F                |

Does not contain lead, cadmium, mercury or formaldehyde, and meets the global REACH and RoHS requirements covering prohibited substances.

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