



SPECIALTY POLYMERS, INC.

Leaders in Innovative Polymer Technology

Products Summary Guide Elastomeric Products

| Product | Type | Weight solids, % | pH | Density (lbs/gal) | Tg (°C) | MFFT (°C) | Particle size, microns | Application |
|---------------|------|------------------|----|-------------------|---------|-----------|------------------------|--|
| RayFlex 2024 | A | 60 | 8 | 8.9 | -17 | <0 | 0.50 | Wall mastic, roof coating |
| RayFlex 118 | A | 57 | 9 | 8.8 | 6 | <0 | 0.22 | Roof coating, wall mastic |
| RayFlex 765 | S/A | 50 | 8 | 8.6 | -26 | <0 | 0.15 | Universal wall mastic and roof coating |
| RayFlex 484 | S/A | 50 | 8 | 8.7 | -9 | <0 | 0.13 | Wall mastic |
| RayFlex 303 | S/A | 59 | 9 | 8.6 | -17 | <0 | 0.27 | High-performance roof coating |
| RayFlex 613 | A | 62 | 9 | 8.7 | -19 | <0 | 0.30 | Wall mastic, caulks and sealants |
| RayFlex 439A | S/A | 45 | 8 | 8.6 | -20 | <0 | 0.12 | Asphaltic roof coating |
| RayFlex 552 | A | 60 | 8 | 8.7 | -31 | <0 | 0.35 | Flexible stamped concrete, masonry |
| RayFlex 610 | S/A | 57 | 8 | 8.8 | 13 | <0 | 0.27 | Running tracks, rubber coatings |
| RayFlex 164 | A | 56 | 9 | 8.5 | -44 | <0 | 0.20 | Dust collection for air filtration |
| RayFlex 683 | A | 47 | 8 | 8.7 | 14 | <0 | 0.08 | Leather and textile coatings |
| RayFlex 2044L | A | 50 | 9 | 8.7 | -19 | <0 | 0.30 | Dry tack polymer for textiles |

S/A = Styrene Acrylic; A = Acrylic



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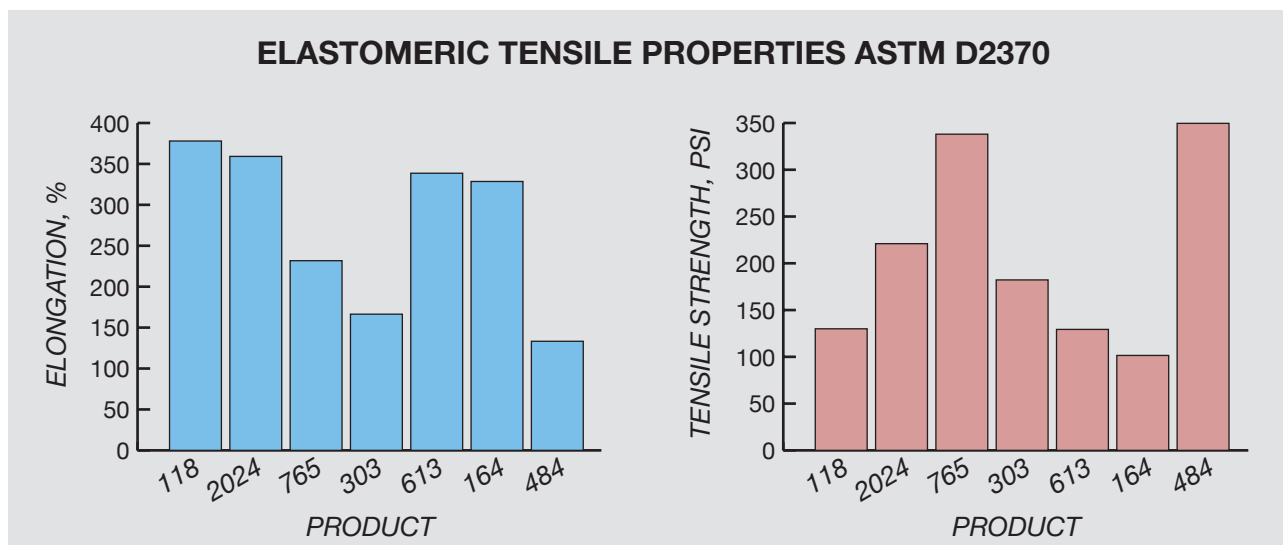
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Elastomeric Performance Properties

| Product | Elongation, % ASTM D2370 (>100%) | Tensile strength, psi ASTM D2370 (>200 psi) | Tear strength, lbf/in ASTM D624 (>60 lbf/in) | Water swelling, % ASTM D471 (<20%) | Wet Adhesion (galvanized steel), pli ASTM D903 (>2.0 pli) | Wet Adhesion (aluminum), pli ASTM D903 (>2.0 pli) | Wet Adhesion (concrete), pli ASTM D903 (>2.0 pli) | Permeance ASTM D1653, B (<50 perms) |
|--------------|--|---|--|--|---|---|---|---|
| RayFlex 2024 | 250-470 | 210-230 | 90-100 | 9-10 | 2.0-3.0 | 1.0-1.5 | 2.0-3.0 | 30-40 |
| RayFlex 118 | 350-410 | 130-140 | 70-80 | 14-17 | 4.0-5.0 | 4.0-5.0 | 7.0-8.0 | 30-40 |
| RayFlex 765 | 210-260 | 330-350 | 80-90 | 9-10 | 3.0-4.0 | 3.0-4.0 | 3.0-4.0 | 8-9 |
| RayFlex 484 | 110-160 | 340-370 | 70-80 | 7-8 | 4.0-5.0 | 2.0-3.0 | 4.0-5.0 | 40-50 |
| RayFlex 303 | 150-190 | 170-190 | 60-70 | 15-17 | 5.0-6.0 | 3.0-4.0 | 4.0-5.0 | 40-45 |
| RayFlex 613 | 250-420 | 120-140 | 60-70 | 13-14 | 10.0-11.0 | 2.0-3.0 | 2.0-3.0 | 35-45 |
| RayFlex 164 | 300-360 | 100-110 | 70-80 | 11-12 | 5.0-6.0 | 4.0-5.0 | 3.0-4.0 | 40-50 |

Formula based on 42% PVC; 51% volume solids
() indicates ASTM D6083 requirements



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