



EC-60 Engineering Fabric

Blome EC-60 is a non-woven geotextile composed of polypropylene fibers, which are formed into a network such that the fibers retain their relative position. Blome EC-60 is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

| Mechanical Properties | Test Method | Unit | Minimum Average Roll Value | |
|--------------------------------|-------------|----------------------|-------------------------------|------------|
| | | | MD | CD |
| Grab Tensile Strength | ASTM D 4632 | kN (lbs) | 0.401 (90) | 0.401 (90) |
| Grab Tensile Elongation | ASTM D 4632 | % | 50 | 50 |
| Trapezoid Tear Strength | ASTM D 4533 | kN (lbs) | 0.178 (40) | 0.178 (40) |
| Mullen Burst Strength | ASTM D 3786 | kPa (psi) | 1205.75 (175) | |
| Puncture Strength ¹ | ASTM D 4833 | kN (lbs) | 0.245 (55) | |
| CBR Puncture Strength | ASTM D 6241 | kN (lbs) | 1.113 (250) | |
| Apparent Opening Size (AOS) | ASTM D 4751 | mm | 0.25 | |
| | | (U.S. Sieve) | (60) | |
| Permittivity | ASTM D 4491 | sec-1 | 2.0 | |
| Flow Rate | ASTM D 4491 | l/min/m ² | 5907.3 | |
| | | (gal/min/ft2) | (| 145) |
| UV Resistance (at 500 hours) | ASTM D 4355 | % strength retained | 70 | |

¹ ASTM D 4833 has been replaced with ASTM D 6241

| Physical Properties | Test Method | Unit | Typical Value | |
|----------------------------------|-------------|---------------|---------------------------|-------------------------|
| Weight | ASTM D 5261 | g/m² (oz/yd²) | 135.007 (4.0) | |
| Thickness | ASTM D 5199 | mm (mils) | 0.101 (35) | |
| Roll Dimensions (width x length) | | m (ft) | 3.8 x 110 (12.5 x 360) | 4.5 x 110 (15 x 360) |
| Roll Area | | m² (yd²) | 418 (500) | 502 (600) |
| Estimated Roll Weight | | kg (lb) | 60 (133) | 70 (160) |

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