



KUREHA CORPORATION

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Product Information

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Krehalon CB-110L

| Properties | English Values | | Metric Values | | Test Method |
|--|--|-------|---|-------|----------------|
| | Unit | Value | Unit | Value | Value |
| Average Thickness | mil | 0.75 | μm | 19.0 | - |
| Yield | in ² /lb | 22000 | m ² /kg | 31 | (calc.) |
| Oxygen Transmission Rate @ 23°C dry | cm ³ ·mil /100in ² ·day·atm | 3.3 | cm ³ ·μm /m ² ·day·atm | 1292 | ASTM D 3985 |
| Water vapor Transmission Rate @ 40°C 90% RH | g·mil /100in ² ·day | 0.56 | g·μm /m ² ·day | 220 | ASTM F 1249 |
| Ultimate Tensile Strength | | | | | |
| MD | lb/in ² | 15600 | MPa | 108 | ASTM D 882 |
| TD | lb/in ² | 14400 | MPa | 100 | |
| Ultimate Elongation | | | | | |
| MD | % | 68 | % | 68 | ASTM D 882 |
| TD | % | 72 | % | 72 | |
| 2% Secant Modulus | | | | | |
| MD | lb/in ² | 53600 | MPa | 372 | ASTM D 882 |
| TD | lb/in ² | 47700 | MPa | 331 | |
| Unrestrained Shrink | | | | | |
| 10 min @100°C Air | | | | | |
| MD | % | 12.5 | % | 12.5 | ASTM D 1204 |
| TD | % | 3.9 | % | 3.9 | |
| 3min @ 98°C Water | | | | | |
| MD | % | 19.5 | % | 19.5 | |
| TD | % | 10.6 | % | 10.6 | |
| Haze | % | 0.36 | % | 0.36 | ASTM D 1003 |
| 45° Gloss | | | | | |
| MD | % | 160 | % | 160 | ASTM D 2457 |
| TD | % | 185 | % | 185 | |

Note; The figures above are the result of measurement, and do not show guaranteed value.