



## Performance Data

|                       | Performance Test             | Test Condition | Typical Values |
|-----------------------|------------------------------|----------------|----------------|
| Physical Properties   | Overall Thickness (µm)       |                | 135 µm         |
|                       | PET                          |                | 100 µm         |
|                       | Top Coat                     |                | 5 µm           |
|                       | Adhesive                     |                | 30 µm          |
|                       | Liner                        |                | 50 µm          |
| Mechanical Properties | Tensile Strength             | ASTM D882      | N/A            |
|                       | Elongation at Break          | ASTM D882      | N/A            |
| Peel Strength         | Initial Peel                 | 20min, RT      | 1.2 n/m        |
|                       | Normal State                 | 72h, RT        | 1.2 n/m        |
|                       | After Water Immersion        | 400h, 40°C     | N/A            |
|                       | After Accelerated Weathering | 2000h, QUV     | N/A            |
| Aging Test            | Heat Aging                   | 16 days, 80°C  | NDE            |
|                       | Water Immersion              | 400h, 40°C     | NDE            |
|                       | Accelerated Weathering       | 2000h, QUV     | NDE            |
|                       | Boiling Water                | 5 min          | NDE            |
| Gloss                 | Gloss                        | 60°            | N/A            |
| Stone Chip Resistance | Gravelometer                 | SAE J400       | N/A            |
| Solvent Resistance    | Water & Soap spotting        | 24h            | NDE            |
|                       | Acid Spotting                | 24h            | NDE            |
|                       | Isopropyl Alcohol            | 24h            | NDE            |
|                       | Hexane/Toluene               | 24h            | NDE            |
|                       | Motor Oil                    | 24h            | NDE            |
| VLT                   | Visible Light Transmittance  |                | 92%            |
| Warranty              |                              |                | 3 years        |

NDE: No Detrimental Effect