

DuraSurf™ 2001

by CROWN PLASTICS

Since 1991, our standard product has become the industry standard for sintered base material. In that time, nearly every snowboard produced in North America using screen printed sintered base has been made with **DuraSurf™ 2001**.

As the leader and driving force behind the colored base phenomenon, **DuraSurf™ 2001** is currently available in over 130 Pantone colors, with complete Pantone color matching capability available including fluorescents and metallics.



| PROPERTY | UNITS | TEST METHOD | TYPICAL VALUES |
|-----------------------------|--------------------|-------------|----------------------|
| Density | g /cc | ASTM D-1505 | > 0.93 |
| Average Molecular Mass | g / mol | ISO | 6.5 million |
| | g / mol | ASTM D-4020 | 4.4 million |
| Melt Index | g / 10 min. | ASTM D-1238 | 0 |
| Tensile Modulus | MPa | ISO 527 | 680 |
| | PSI | ASTM D-638 | 98600 |
| Coefficient of Thermal Exp. | Unit length / °F | ASTM D-0696 | 1.1×10^{-4} |
| Shrinkage | %, linear / trans. | Internal | 7 / 2.7 |
| Wax Absorption | mg. / cu.c | Internal | TBD |
| Abrasion Resistance | Index | Sand Slurry | 0.588 |
| Izod Impact Resistance | J / m | ASTM D-256 | No failure |
| Thermal Response | Linear / trans. | Internal | < 2% / < 1% |
| % Crystallinity | % | DSC anal. | 53 |



ADVANCED THERMOPLASTIC SOLUTIONS

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