

DuraSurf™ 4001

by CROWN PLASTICS

A higher molecular weight version of our standard product, **DuraSurf™ 4001** takes an already industry-best durability to an even greater level. Without a doubt the toughest material on the hill, DS4001 is the choice of the most extreme riders!

As the leader and driving force behind the colored base phenomenon, **DuraSurf™ 4001** 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	8.1 million
	g / mol	ASTM D-4020	5.4 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-696	1.1 x 10 ⁻⁴
Shrinkage	%, linear / trans.	Internal	8.05 / -.2
Wax Absorption	mg. / cu.c	Internal	TBD
Abrasion Resistance	Index	Sand Slurry	0.586 / 0.591
Izod Impact Resistance	J / m	ASTM D-256	No failure
Thermal Response	Linear / trans.	Internal	< 1% / < 2%
% Crystallinity	%	DSC anal.	53



ADVANCED THERMOPLASTIC SOLUTIONS

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