

DuraSurf™ SW 2001

Ultra High Molecular Weight Polyethylene

Crown Plastics

Message:

DuraSurf™ SW 2001 is a sintered UHMWPE sidewall material with a molecular weight of 2,300,000+ g/mole used in ski and snowboard construction.

General Information			
Uses	Sporting Goods		
Processing Method	Sintering		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	ASTM D1505
Molecular Weight	2300000	g/mol	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.6	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Flexural Modulus	862	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256

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Recommended distributors for this material

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