

DuraSurf™ Galleria

Ultra High Molecular Weight Polyethylene

Crown Plastics

Message:

DuraSurf™ Galleria sintered running surface has evolved into the world's leading sublimated base product. Our cleaner, deeper, flatter sublimation process has provided unlimited artistic possibilities to over 500,000 snowboards worldwide.

General Information			
Uses	Screen Printing		
Processing Method	Sintering		
Physical	Nominal Value	Unit	Test Method
Density	> 0.930	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	0.0	g/10 min	ASTM D1238
Molding Shrinkage			Internal Method
Flow	6.4	%	
Across Flow	3.1	%	
Average Molecular Weight			
--	< 4700000	g/mol	
--	3250000	g/mol	ASTM D4020
Crystallinity	53	%	DSC
Abrasion Resistance - Sand Slurry	0.570		
Thermal Response			Internal Method
Linear	< 1.0	%	
Trans.	< 1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	720	MPa	ASTM D638, ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	2.0E-4	cm/cm/°C	ASTM D696

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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