

DuraSurf™ 2001 DuraJet

Ultra High Molecular Weight Polyethylene

Crown Plastics

Message:

As an alternative to high priced, non-durable high carbon formulas, DuraSurf™ 2001 DuraJet provides a blacker, faster alternative to our standard black base, without surrendering its durability. The extremely high grade carbon also eliminates "bleeding" into other colors in die cut bases.

General Information			
Features	Durable		
Uses	Screen Printing		
Appearance	Black		
Forms	Preformed Parts		
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	50	%	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

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