

DuraSurf™ Optimizer CE

by CROWN PLASTICS

To answer the demand for ever clearer base materials, **DuraSurf™ Optimizer CE** is specially formulated for use in screen printing, while maintaining all the characteristics of our standard product. For the best in screen printed presentation, the choice is clear.



PROPERTY	UNITS	TEST METHOD	TYPICAL VALUES
Density	g / cc	ASTM D-1505	> 0.93
Average Molecular Mass	g / mol	ISO	7.3 million
	g / mol	ASTM D-4020	4.9 million
Melt Index	g / 10 min.	ASTM D-1238	0
Tensile @ Break	MPa	ISO 527	35
Coefficient of Thermal Exp.	Unit length / °F	ASTM D-696	1.1 x 10 ⁻⁴
Shrinkage	%, linear / trans.	Internal	7.9 / 2.9
Wax Absorption	mg. / cu.c	Internal	TBD
Abrasion Resistance	Index	Sand Slurry	0.57
Izod Impact Resistance	J / m	ASTM D-256	No failure
Thermal Response	Linear / trans.	Internal	< 2% / < 1%
% Crystallinity	%	DSC anal.	50.6



ADVANCED THERMOPLASTIC SOLUTIONS

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