



TYPICAL PROPERTIES OF 5SPW Synthetic Paper

Spectralite Synthetic Paper consists of mineral reinforced polypropylene. It therefore exhibits the look, feel, printability, and fabrication of traditional papers, combined with the excellent strength and durability characteristics of plastic. For end products requiring numerous handlings (i.e. menus), it works well, and also weathers various temperature conditions both inside and out.

PROPERTIES		UNITS	TYPICAL DATA				
Thickness		mils	6.0	8.0	10.0	12.0	14.0
Approximate Yield		sq. in. / lb.	3,949	2,959	2,367	1,973	1,691
Tensile Strength	MD	PSI	>4,000	>3,500	>3,500	>3,500	>3,500
	TD		>2,500	>2,000	>2,000	>2,000	>2,000
Elongation	MD	%	>500	>300	>300	>300	>300
	TD		>80	>60	>60	>60	>60
Tear Strength	MD	gm/gm	>400	>500	>500	>500	>500
	TD		>500	>600	>600	>600	>600
Surface Tension	Both Sides	dyne / cm	46+	46+	46+	46+	46+
Gloss Value (60°)	Both Sides	%	2~5	2~5	2~5	2~5	2~5
Whiteness		%	78+	78+	78+	78+	78+

Thickness & Yields may vary by +/- 8%

The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. No warranty is made or implied. We recommend that all fitness for use applications be tried and proven by the end customer due to various heat settings and dwell times that exist on these specialty digital laser presses.

FOR MORE INFORMATION CONTACT OUR SALES DEPARTMENT AT 800-848-6982