ASI DEVELOPMENT, I.N.C.

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FÉNIX PAPER

Technical Specifications of Labelstock

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Product Code	Semy Gloss 80HM58Sec
Product Name	Fenix Semigloss 80 HM WG 58 Security
Face Stock	80gsm Semi-gloss Art Paper
Adhesive	General Hot Melt
Liner	58gsm White Glassine

Items		Unit	Test Method
Face Stock			
Basic Weight	80±10%	gsm	GB/T 451.2-2002
Caliper	68±10%	μm	GB/T 451.3-2003
Brightness	≥88	%	GB/T 7974-2002
Fluorescent luminance	≥11	%	GB/T 7974-2002
Face stock after super-calendering treatment, the material surface is smooth, have high brightness, mainly suitable for blank die cutting.			
Adhesive			
'Loop' Tack	≥17	N	FTM9, ss
Peel Adhesion (90°)	≥9 or PT	N/25mm	FTM2, ss
Minimum Application Temp.	10℃		
Service Temperature Range	-15℃~65℃		
This product uses general hot melt adhesive, the initial viscosity and the final stickiness are very high. It has a certain low temperature resistance performance. Not recommended for small caliber bottles and irregular surfaces. This product is not suitable for PVC surface.			
Liner			
Basic Weight	58±10%	gsm	GB/T 451.2-2002
Caliper	53±10%	μm	GB/T 451.3-2003
Tensile Strength (MD)	≥5. 0 5.0	kN/m	GB/T 12914-1991
Printing and Converting			
Applicable for offset, intaglio, flexographic printing, etc. Not recommended for printing very demanding surface. Avoid the coating peeled off by controlling ink's viscosity not too thick. Extremely good performance on processing. Applicable for rotary and plate process. Extremely good performance on gold blocking. To avoid adhesive oozing from the label edge, tension should be controlled during rewinding. The material can be used in food if and only if it has a barrier, it is not suitable for direct contact with food.			
Storage and Preservation			
One year when stored at 23±2℃ and 50±5% RH. If test qualified, the label can continually be used after shelf life.			

Note:

1. All relative material´s description, technical specification and usage recommendation are based upon tests believed to be reliable but do not represent a guarantee.
2. Is mandatory test before production to avoid potential risks, due to various operating environments and processing conditions.
3. All information and recommendations abouts Fenix® products are base on our existing knowledge and experiences but do not mean a guarantee or warranty. As the products are used for differents applications we recommend checking suitability of products prior to use. All information is subject to change without notice. End user obliged and verifies the above information before using the material.
4. A.S.I Development Inc. Reserves the right to interpret latest terms to the technical documents.

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