

Paper In-Mold Label

Product Specification Sheet



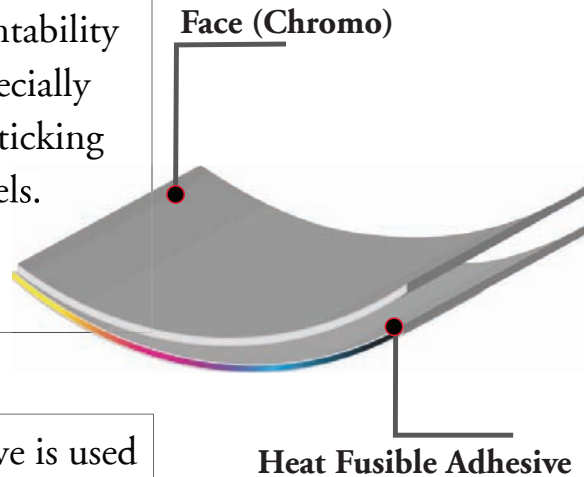
Substrate

Material	HDPE	LDPE	PP	PET
Use	Yes ✓	Yes ✓	Yes ✓	Yes ✓

Face

The face of the label consist of plasticized white chromo clay coated paper. Excellent printability and and anti-curl properties. Paper is specially coated with slip additive to avoid label sticking and provide ease in stacking of IML labels.

GSM - 60, 75, 85 and 95 gram/m²



IML Adhesive

Excellent heat sellable polyolefin adhesive is used for sealing with various substrate. The adhesive is coated with special pattern to achieve good adhesion points and bonding.

GSM of Coating – 15 – 18 Gram/m²



Technical specifications

Properties	Our Label	Significance of property
Cobb Value	25	Water absorptiveness the mass of water absorbed in a specific time by 1 square meter.
Fusing Temperature (°C)	68-76	The value represent the tack value. Means lower the distance covered by ball indicate higher tack or high adhesion.
Operating Temperature (°C)	180	Temperature at which label can sustain.
Clark Stiffness	120	Resistance to a bend due to the weight of its own. If the Clark stiffness is low, paper is easy to bend. Susceptible to moisture content due to heat. paper with a low Clark stiffness may shrink at edges or curl on printing.
Surface Smoothness (s)	40	The smoothness of the surface of the paper is important to get high print quality.
Static Friction(%)	62	The friction characteristics of paper are important to transfer the paper correctly from in mold label jig to Robot.
Brightness (%)	89	Brightness is the measurement of the amount of reflectance of blue light. It indicate the shade of the paper.

Applications

Applications of white paper include labelling with excellent ink receptive coating for following industries.

Cosmetics:

Correct cosmetic labelling is an important aspect of marketing a cosmetic or personal cosmetic care product. Our paper IML gives the premium look for the cosmetic products like Nutrition cream, face pack and other.

Commodity:

Paper IML gives the label as clay coated texture, which increase the gloss in the label and aesthetic appearance of the product. This is widely recommended for hair oils, water bottles, shampoo and conditioner or specifically for white containers.

Pharma:

Chromo paper IML is widely recommended for tinted pharma bottles, as this IML have higher compatibility with bottle and give smooth surface for printing guidelines and directions

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