

## Pearl PP In-Mold Label

### Product Specification Sheet



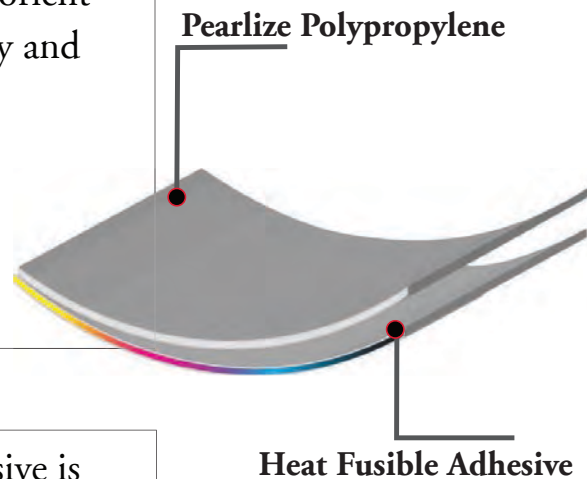
#### Substrate

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

#### Face

The face of the label consist of biaxially orient-polypropylene with excellent printability and mechanical properties.

**Micron – 50 and 60 Micron**



#### IML Adhesive

Excellent Heat sellable Diene base 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/M<sup>2</sup>**



# Technical specifications

Properties	Our Label	Significance of property
Tensile Strength kg/cm <sup>2</sup>	1500	ASTM D 882 Standard: The ability to resist breaking of film under tensile stress
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.
Elongation (%)	120	ASTM D 882 Standard: The ability to stretch under load before permanent deformation.
Kinetic Friction	40	The friction characteristics of pp are important to transfer the film correctly from in mold label jig to Robot.
Brightness (%)	89	Brightness is the measurement of the amount of reflectance of blue light.

## Applications

**Applications of Pearl PP 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 pearl PP IML gives the premium look for the cosmetic products like Nutrition cream, face pack and other FMCG products.

### Commodity:

Pearl PP IML gives the label as pearl 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.

**INNOVIZION**

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