

Clear PP In-Mold Label

Product Specification Sheet



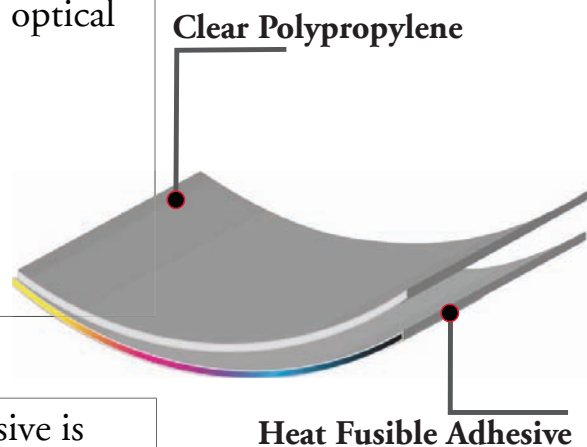
Substrate

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

Face

The face of the label consist of biaxially oriented polypropylene with excellt printability, optical 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/m²



Technical specifications

| Properties | Our Label | Significance of property |
|-------------------------------------|-----------|---|
| Tensile Strength kg/cm ² | 1250 | ASTM D 882 Standard: The ability to resist breaking of film under tensile stress |
| Fusing Temperature (°C) | 68-76 | The value represents 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 % | 210 | ASTM D 882 Standard: The ability to stretch under load before permanent deformation. |
| Kinetic Friction | 0.82 | The friction characteristics of pp are important to transfer the film correctly from in mould label jig to Robot. |
| Haze % | 1.5 | ASTM D1003 – Lesser the Haze % more will be Transparency |

Applications

Applications of clear PP include labelling with excellent ink receptive coating for following industries.

Cosmetics:

Clear PP IML is widely recommended for the clear bottle with clear liquid.

Commodity:

Applications are predominantly in market segments where rigid containers are used (PET). Due to fairly rigid nature of the film care should be taken with use on non-uniform surfaces and where a very high level of squeezability is desired.

Beverages.

Clear PP IML is widely recommended for see through packaging. Like ketchup bottles, Vinegar and juice packaging's.

INNOVIZION

B-112, Gokul industrial estate, plot no.150, Marol co-op industrial estate, M.V road,
Andheri east, Mumbai -400059 India Phone: 91 22 28595656 Web:innovision.co.in