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TECHNICAL DATA SHEET (J-952)

DESCRIPTION: Bi-axially oriented translucent direct matte polyester film with medium surface gloss and thermally stable. Film is one side corona treated

APPLICATIONS: Muted metallization, wood grain application, label and other industrial application.

SALIENT FEATURES:

- Medium surface gloss
- Excellent Mechanibility
- Excellent Mechanical and thermal Properties

TECHNICAL DATA

| Properties | Test method | Unit | J952 | | | | |
|--|-------------|---------------------|--------------------|--------|--------|--------|------|
| PHYSICAL | | | | | | | |
| Thickness | ASTM D-374 | Micron | 12 | 23 | 36 | 50 | |
| Grammage | JPFTM | gm/m ² | 16.8 | 32.2 | 50.4 | 70 | |
| Yield | JPFTM | m ² / kg | 59 | 31 | 20 | 14 | |
| OPTICAL | | | | | | | |
| Haze (Min) | ASTM D-1003 | % | 48 | 70 | 80 | 85 | |
| Transmittance | ASTM D-1003 | % | 85 ± 3 | 83 ± 3 | 81 ± 3 | 79 ± 3 | |
| Gloss at 60 degree angle (Average) | ASTM D 2457 | % | 40 ± 5 | 40 ± 5 | 42 ± 5 | 42 ± 5 | |
| MECHANICAL | | | | | | | |
| Tensile strength (Min) | MD | ASTM D-882 | Kg/cm ² | 1900 | 1800 | 1800 | 1800 |
| | TD | ASTM D-882 | Kg/cm ² | 1800 | 1700 | 1700 | 1700 |
| Elongation (Min) | MD | ASTM D-882 | % | 90 | 90 | 90 | 90 |
| | TD | ASTM D-882 | % | 90 | 90 | 90 | 90 |
| Coefficient of friction (Side-A / B) (Max) | St | ASTM D-1894 | - | 0.50 | 0.50 | 0.45 | 0.45 |
| | Dy | ASTM D-1894 | - | 0.45 | 0.45 | 0.40 | 0.40 |
| THERMAL | | | | | | | |
| Shrinkage (Max) (150°C / 30 min) | MD | ASTM D-1204 | % | 2.80 | 2.80 | 2.80 | 2.80 |
| | TD | ASTM D-1204 | % | 0.40 | 0.40 | 0.40 | 0.40 |
| SURFACE | | | | | | | |
| Wetting tension (Treated side) (Min) | ASTM D-2578 | Dyne / cm | 52 | 52 | 52 | 52 | |

The values given in this technical datasheet are typical performance data and are believed to be accurate. These are given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. JINDAL POLY FILMS LIMITED suggests the customer to confirm these values and product compatibility prior to their use and the company offers neither guarantee nor accepts any responsibility for the fitness of the product for any particular use.

JPFTM: JINDAL POLY FILMS TEST METHOD, MD: MACHINE DIRECTION, TD: TRANSVERSE DIRECTION

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