

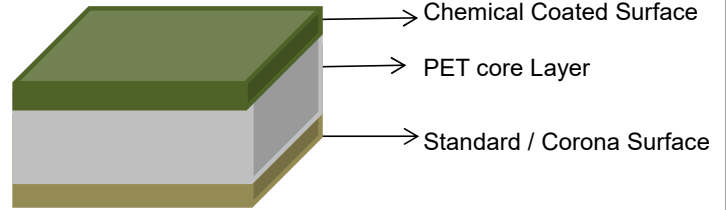


Technical Data Sheet

ARYAFILM - A403



ARYAFILM A403 is One side Chemical coated other side plain (option for corona treated) transparent polyester film , this film is suitable for PU resins/inks.



| Sr. No. | Properties | Unit | Test Method | Target | Minimum | Maximum |
|--------------------------------|---|--------------------|-------------|------------------------------|---------|---------|
| General | | | | | | |
| 1 | Thickness | Micron | JBF Method | 50.0 | 49.00 | 51.00 |
| | | Gauge | | 200.00 | 196.00 | 204.00 |
| 2 | Yield | M ² /Kg | JBF Method | 14.29 | 14.01 | 14.58 |
| 3 | Density | gm/cc | ASTM D 1505 | 1.395 | | |
| 4 | Roll width | mm | JBF Method | - 0 , + 3 | | |
| Mechanical | | | | | | |
| 1 | Tensile Strength at break | MD/TD | ASTM D 882 | 1900 | 1700 | 2100 |
| | | | | Kg/cm ² (Kpsi) | 27.0 | 24.2 |
| 2 | Elongation at break | MD | ASTM D 882 | 140 | 100 | 180 |
| | | TD | | 130 | 90 | 170 |
| 3 | Co-efficient of friction (One to Other side) | Static | ASTM D 1894 | 0.40 | 0.30 | 0.50 |
| | | Dynamic | | -- | 0.35 | 0.25 |
| Thermal | | | | | | |
| 1 | Shrinkage @ 150 ^o C/30' | MD | ASTM D 1204 | 1.4 | 1.0 | 1.8 |
| | | TD | | 0.4 | 0.0 | 0.8 |
| 2 | Melting Point | ^o C | DSC | 252 | 250 | 255 |
| Optical | | | | | | |
| 1 | Haze | % | ASTM D 1003 | 7.0 | 5.0 | 9.0 |
| 2 | Transmittance | % | ASTM D 1003 | 88.0 | 85.0 | 91.0 |
| Surface treatment level | | | | | | |
| 1 | Chemical Coated Side | Dyne/cm | ASTM D 2578 | 66 | 64 | 68 |
| 2 | Plain Side | Dyne/cm | ASTM D 2578 | 44 | 42 | 46 |

MD = Machine Direction, TD = Transverse Direction

Storage & Handling: ARYA FILM need to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing & shelf life of above product is One year from date of Invoice.

Food Contact: ARYA FILM complies with EU10/2011 and US FDA regulations. Specific document and MSDS are available on request.

Disclaimer: The information given above is to the best of our knowledge and experience. Some of the properties can be changed as a result of suppliers' efforts to improve upon the quality or production efficiency of the subject. The information is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. JBF BAHRAIN W.L.L makes no warranty, express or implied, as to the fitness of the product for any specific use or purpose. The above data is purely for readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract

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