

## DuPont Teijin Films Mylar® WRL63 Polyester Film, 200 Gauge

Category : Polymer , Film , Thermoplastic , Polyester, TP , Polyester Film

### Material Notes:

Mylar® WRL63 is a biaxially oriented polyester (OPET) film with a modified ethylene acrylate heat seal layer. It provides peelable seal over a broad temperature range to a number of bottles or containers including PET, PVC, PS, PE, and PP. Mylar® WRL63 is a general purpose sealant product designed to produce good heat seals to substrates including polyethylene (PE), polypropylene (PP), amorphous polyester (APET, also PETG), semi-crystalline polyester (CPET), polyester coated paperboard, polyvinylchloride (PVC), and polystyrene (HIPS). Mylar® WRL63 has low heat seal initiation temperature and can be sealed over a wide temperature range. This allows good seals to be made at higher line speeds (or using lower sealing temperatures). Peelability and cleanness of the peel make Mylar® WRL63 ideal for the dairy market and the induction seal cap liner market. FDA Food Contact Status - The above mentioned films comply with Food and Drug Administration Regulations 21 CFR 177.1630 -- Polyethylene Phthalate Polymers, subject to the limitations and requirements therein. This film may be used in contact with food under Conditions of Use C through H (as described in Table 2 of 21 CFR 176.170(c)), subject to the finished food-contact article meeting the extractive limitations under the intended conditions of use, as shown in paragraph (c) of the Regulation. The conditions of use include hot fill or pasteurized above 150°F, refrigerated storage, frozen storage, and ready prepared foods intended to be reheated in container at time of use. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Mylar-WRL63-Polyester-Film-200-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-WRL63-Polyester-Film-200-Gauge.php)

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in <sup>3</sup>	Typical Mylar®; ASTM D1505
Water Vapor Transmission	15.5 g/m <sup>2</sup> /day @Temperature 38.0 °C	1.00 g/100 in <sup>2</sup> /day @Temperature 100 °F	90% RH; ASTM F1249

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	150 %	150 %	ASTM D882A
Film Elongation at Break, TD	80 %	80 %	ASTM D882A
Film Tensile Strength at Break, MD	145 MPa	21000 psi	ASTM D882A
Film Tensile Strength at Break, TD	221 MPa	32000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.17 J/g-°C	0.280 BTU/lb-°F	Typical Mylar®
Melting Point	254 °C	489 °F	Typical Mylar® via DSC

Descriptive Properties	Value	Comments
Gas Permeability (Base film)	2.5 cc/100 in <sup>2</sup>	O <sub>2</sub> , 24 hr; ASTM D3985 77°F/75% RH/1 ATM

Descriptive Properties	Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China