

DuPont Teijin Films Mylar® OWF Polyester Film, 120 Gauge

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

Material Notes:

Product Description: Mylar® OWF is a co-extruded, one side amorphous, heat sealable polyester film designed to be used as an overwrap film. This film is suitable for use in contact with food. **Approvals:** FDA Food Contact Status - All gauges of Mylar® OWF comply with the Food and Drug Administration regulation 21 CFR 177.1630 -- Polyethylene phthalate polymers. This regulation describes films which may be safely used in contact with all types of food excluding alcoholic beverages. Uncoated films such as Mylar® OWF can be used to contain foods during oven cooking or oven baking at temperatures above 250 °F. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-OWF-Polyester-Film-120-Gauge.php

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in ³	Typical Mylar®; ASTM D1505

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
Maximum Service Temperature, Air	121 °C	250 °F	
Shrinkage, MD	1.5 % @Temperature 150 °C, Time 1800 sec	1.5 % @Temperature 302 °F, Time 0.500 hour	Unrestrained
Shrinkage, TD	1.5 % @Temperature 150 °C, Time 1800 sec	1.5 % @Temperature 302 °F, Time 0.500 hour	Unrestrained

Optical Properties	Metric	English	Comments
Haze	6.0 %	6.0 %	ASTM D1003
Transmission, Visible	88.5 %	88.5 %	ASTM D1003

Descriptive Properties	Value	Comments
Yield (nominal)	16500 in ² /lb	

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