

MYLAR® RL42

DESCRIPTION:

MYLAR® RL42 is a biaxially oriented polyester with an EVA heat seal layer. It is used as a heat sealable lidding film in packaging frozen and refrigerated food.

CHARACTERISTICS:

- Strong seals to PP, PETG, CPET, APET, Polyester Coated Paperboard, PVC, HDPE and HIPS
- Dual ovenable
- Can withstand freezing temperatures down to -40°F and heating up to 400°F
- Corona treated version (**RL42T**) available upon request
- Anti-fog (**RL42AF & RL42AT**) available upon request

FDA STATUS:

Manufactured with material compliant with FDA regulations

TECHNICAL DATA:

| PROPERTIES | UNIT OF MEASURE | TYPICAL VALUES | | | | TEST METHOD |
|---|----------------------------|----------------|--------|--------|--------|---------------------------------|
| | | 50 | 75 | 100 | 150 | |
| Thickness | Gauge | 50 | 75 | 100 | 150 | - |
| Yield | ln ² /lb | 29,200 | 20,800 | 17,700 | 12,200 | - |
| Tensile Strength MD at break | psi | 25,000 | 25,000 | 25,000 | 25,000 | ASTM D882A |
| Tensile Strength TD at break | psi | 35,000 | 35,000 | 35,000 | 35,000 | ASTM D882A |
| Elongation at Break MD | % | 110 | 110 | 110 | 110 | ASTM D882A |
| Elongation at Break TD | % | 80 | 80 | 80 | 80 | ASTM D882A |
| Gas Permeability O ₂ , 24 hr | cc/100in ² | 9 | 7 | 5 | 3 | ASTM D3985 22°C/75% RH/1 ATM |
| WVTR | g/100 in ² /day | 2.8 | 1.9 | 1.3 | 0.9 | ASTM F1249 38°C, 90% RH |
| Tear (Graves) | lb | 0.7 | 0.9 | 1.1 | 1.3 | ASTM D1004 |

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