

Dartek F-101

Polyamide 66

DuPont Canada, Inc. - Dartek Division

Message:

Dartek F-101 is a Polyamide 66 (Nylon 66) product. It can be processed by film extrusion, laminating, thermoforming, or vacuum forming and is available in North America. Typical application: Packaging.

Characteristics include:

- Clarity
- High Strength

General Information	
Features	Good Drawdown
	High Clarity
	High Strength
Uses	Food Packaging
	Packaging
Appearance	Clear/Transparent
Forms	Film
Processing Method	Film Extrusion
	Laminating
	Thermoforming
	Vacuum Forming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	689	MPa	
1% Secant, TD	689	MPa	
Tensile Strength			ASTM D882
MD : Yield	62.1	MPa	
TD : Yield	62.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	300	%	
TD : Break	300	%	
Dart Drop Impact	600	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	35	g	
TD	30	g	

Oxygen Permeability	1.4	cm ³ ·mm/m ² /atm/24 hr	ASTM D3985
Water Vapor Transmission	290	g/m ² /24 hr	ASTM E96
Optical	Nominal Value	Unit	Test Method
Haze	1.0	%	ASTM D1003

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