

Dartek F-101

Polyamide 66

DuPont Canada, Inc. - Dartek Division



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Technical Data

General

Material Status	• Commercial: Active		
Availability	• North America		
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 $\frac{\text{cm}^3 \cdot \text{mm}}{\text{m}^2 \cdot \text{atm} \cdot 24 \text{ hr}}$	ASTM D3985
Water Vapor Transmission	290 g/m ² /24 hr	ASTM E96

Optical	Nominal Value Unit	Test Method
Haze	1.0 %	ASTM D1003

Notes

¹ Typical properties: these are not to be construed as specifications.

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Where to Buy

Supplier

DuPont Canada, Inc. - Dartek Division

Whitby, ON Canada

Telephone: 905-821-5193

Web: <http://ca.dupont.com/>

Distributor

Please contact the supplier to find a distributor for Dartek F-101



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