

Dartek O-401

Polyamide 66

DuPont Canada, Inc. - Dartek Division



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Technical Data

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Good Stiffness • Good Tear Strength	• Good Toughness • High Heat Resistance	• Low Gas Permeability
Uses	• Film	• Food Packaging	• Packaging
Appearance	• Clear/Transparent		
Forms	• Film		
Processing Method	• Film Extrusion • Laminating	• Thermoforming • Vacuum Forming	

Physical	Nominal Value Unit	Test Method
Specific Gravity	1.14 g/cm ³	ASTM D792

Films	Nominal Value Unit	Test Method
Film Thickness - Tested	15 µm	
Secant Modulus		ASTM D882
1% Secant, MD	2240 MPa	
1% Secant, TD	2240 MPa	
Tensile Strength		ASTM D882
MD: Yield	241 MPa	
TD: Yield	62.1 MPa	
Tensile Elongation		ASTM D882
MD: Break	50 %	
TD: Break	250 %	
Elmendorf Tear Strength		ASTM D1922
MD	45 g	
TD	75 g	
Oxygen Permeability	0.98 $\frac{\text{cm}^3 \cdot \text{mm}}{\text{m}^2 \cdot \text{atm} \cdot 24 \text{ hr}}$	ASTM D3985
Water Vapor Transmission	150 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 O-401



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