

Dartek B-602

Polyamide 66

DuPont Canada, Inc. - Dartek Division



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Technical Data

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Grease Resistant	• Low Odor Transfer	
	• High Heat Resistance	• Moisture Barrier	
Uses	• Coating Applications	• Film	• Packaging
Appearance	• Clear/Transparent		
Forms	• Film		
Processing Method	• Film Extrusion	• Laminating	• Thermoforming

Physical

	Nominal Value Unit	Test Method
Specific Gravity	1.15 g/cm ³	ASTM D792

Mechanical

	Nominal Value Unit	Test Method
Coefficient of Friction vs. Itself - Static	0.45	ASTM D1894

Films

	Nominal Value Unit	Test Method
Film Thickness - Tested	25 µm	
Secant Modulus		ASTM D882
1% Secant, MD	689 MPa	
1% Secant, TD	689 MPa	
Tensile Strength		ASTM D882
MD: Yield	68.9 MPa	
TD: Yield	68.9 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	0.20 $\frac{\text{cm}^3 \cdot \text{mm}}{\text{m}^2 \cdot \text{atm} \cdot 24 \text{ hr}}$	ASTM D3985
Water Vapor Transmission	9.3 g/m ² /24 hr	ASTM E96

Optical

	Nominal Value Unit	Test Method
Haze	1.5 %	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 B-602



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