

# Dartek B-850

Polyamide 66

DuPont Canada, Inc. - Dartek Division

## Message:

Dartek B-850 is a Polyamide 66 (Nylon 66) product. It can be processed by extrusion coating, laminating, or thermoforming and is available in North America. Applications of Dartek B-850 include coating applications, film, industrial applications, medical/healthcare and packaging.

Characteristics include:

Good Toughness

Heat Resistant

General Information	
Features	Good Toughness
	High Heat Resistance
Uses	Coating Applications
	Film
	Industrial Applications
	Laminates
	Medical/Healthcare Applications
	Packaging
Appearance	Clear/Transparent
Forms	Film
Processing Method	Extrusion Coating
	Laminating
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm <sup>3</sup>	ASTM D792
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	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	62.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	300	%	
TD : Break	300	%	
Water Vapor Transmission	160	g/m <sup>2</sup> /24 hr	ASTM E96

Optical	Nominal Value	Unit	Test Method
Haze	1.2	%	ASTM D1003

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