



CNS-153.21B

Nylon - EVOH Coextrusion

Key Attributes:

→ A BETTER WAY



Great Puncture Resistance



Balanced Physical Properties



Excellent Tear Properties



Blue Colorant

Typical End Uses: Large format liners requiring excellent barrier performance and tear resistance.

Attribute		Typical Value	Units	ASTM Test Method
Gauge		3.00	mil	
Yield @ 1mil		28,200	in ² /lb	
Haze			%	D-1003
Gloss (45°)			%	D-2457
Tensile	MD	6,300	psi	D-882
	TD	6,000		
Elongation	MD	800	%	D-882
	TD	800		
Secant Modulus	MD	85,000	psi	D-882
	TD	95,000		
Elmendorf Tear	MD	1,600	g	D-1922
	TD	1,800		
Dart Impact			g	D-1709 (method A)
O ₂ TR		<1.0	cc/100in ² /24hr (0% RH, 23°C)	D-1434
MVTR		<0.60	g/100in ² /24hr (90% RH, 100°F)	F-1249
Creation Date:				03/11/2021

The information provided is a good faith summary of typical film properties but is not meant to be used as a specification, nor as a guarantee of film properties. Users must assume responsibility for fitness of use in their individual applications. In addition, Charter NEX Films, Inc. does not warranty against patent infringement.

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