



PRODUCT FEATURES	PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES		
<ul style="list-style-type: none">• Clear• Two Side Heat Sealable• One Side External Treat	Thickness	Supplier Method	Gauge	60	70	80
	Yield		in²/lb	42,922	38,630	25,753
	MECHANICAL PROPERTIES					
	Tensile Strength	ASTM D882	psi MD psi TD	21,756 40,611		
	Seal Strength	Supplier Method	g/in	530	604	787
	THERMAL PROPERTIES					
CHARACTERISTICS	Heat Seal Range	Supplier Method	°F	176 - 293		
<ul style="list-style-type: none">• 176°F Seal Initiation• High Gloss• Wide operating range on high speed packaging machines	Seal Initiation	Supplier Method	°F	176		
	SURFACE PROPERTIES					
	Surface Tension	ASTM D2578	Dynes	≥38		
	Coefficient of Friction	ASTM D1894	0.30			
	OPTICAL PROPERTIES					
	APPLICATIONS	Gloss (max)	ASTM D2457	%	88	88
<ul style="list-style-type: none">• High speed vertical form-fill-seal• High speed horizontal form-fill-seal• Printed and laminated structures	Haze (max)	ASTM D1003	%	1.8	2.1	2.3
	BARRIER PROPERTIES					
	WVTR (38°C/90%RH) (max)	ASTM 1249	g/100in²/24hr	0.46	0.42	0.28
	Note: MD - Machine Direction, TD - Transverse Direction					

FOOD CONTACT

PennPac complies with FDA Regulations for food contact. Specific documents are available upon request.

STORAGE & HANDLING

Recommended storage conditions are room temperature (50 F - 86 F) less than 50% RH, dry, ventilated area not exposed to direct sunlight, liquids, vapors or other heat source(s).

DISCLAIMER

The specified values are minimum values unless otherwise indicated. These values do not constitute specific binding specification. Information in this publication is believed to be accurate and is given in good faith but it is for the Customer to satisfy itself of the suitability for its own particular purpose. Accordingly, **PennPac Company** gives no warranty as to the fitness of the product for any particular purpose and any implied warranty (statutory or otherwise) is excluded.



Information on this specification document is confidential.