



CURBY™ MAILER



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EFFECTIVE: 06/2020

TECHNICAL DATA SHEET CURBY™ MAILER

DESCRIPTION

The latest and most innovative protective mailer on the market, the Curby Mailer™ is lined with hexagonally shaped paper which offers substantial benefits over traditional wrapping materials.

NOMINAL VALUES

The following data are nominal values based on ISO, ASTM and other standard tests. The data should not be considered as specifications.

TEST REQUIREMENT	TEST METHOD	SPECIFICATION
PAPER		
Inside Paper Basis Weight (Hexcel)	ISO 536/Tappi T-410	50#
Inside Paper Recycled Content (Hexcel)	Supplier	100% Virgin
Inside Paper Elmendorf Tear (MD)	ASTM D1922/ISO 1974	100 g
Inside Paper Elmendorf Tear (CD)	ASTM D1923/ISO 1974	105 g
Inside Paper Tensile (MD)	ISO1924-3	40.5 lbs/in
Inside Paper Tensile (CD)	ISO1924-3	29.1 lbs/in
Outside Paper Basis Weight (outer)	ISO 536/Tappi T-410	50#
Outside Paper Recycled Content (outer)	Supplier	100% Recycled
Outside Paper Thickness (outer)	Supplier	4.9 mils
Outside Paper Elmendorf Tear (MD)	ASTM D1922/ISO 1974	52 g
Outside Paper Elmendorf Tear (TD)	ASTM D1923/ISO 1974	71 g
Outside Paper Mullen Burst	Tappi T-403	32 psi
Outside Paper Tensile (MD)	ISO1924-3	36 lbs/in
Outside Paper Tensile (CD)	ISO1924-3	10 lbs/in
CLOSURE TAPE		
Liner	Supplier	66# White PCK
Total Thickness w/o Liner	Supplier	3.5 mil
Adhesion to Outer Paper	Supplier	14.5 oz/in
MAILER		
Spencer	ASTM D3420	0.316 J
Dart Drop (inside/Out)	ASTM D1709	105 g
Dart Drop (Outside/In)	ASTM D1709	105 g
Average Kinetic Coefficient of Friction	ASTM D1894-14	0.36
Seal Strength	ASTM F88	6.4 lbs/in
Slow Rate Penetration (Inside/Out)	ASTM F1306	11.6 mJ
Slow Rate Penetration (Outside/In)	ASTM F1306	11.27 mJ



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