



Prolayment® CS Material Specifications

Property	Result	Method
Material Type:	Closed cell polyolefin blend	
Thickness:	1/32" (0.8mm)	
Moisture Vapor Transmission Rate (MVTR):	1.45 lbs per 1000 sq. ft. per 24 hours	ASTM E-96
R Value:	(3) ft ² -F-hr/BTU-in	
Compressive Strength:	≥17 lbs/in ²	ASTM D-3575
Tensile Strength (MD):	MD ≥ 240 lbs/in ²	ASTM D-3575
Tensile Strength (TD):	TD ≥ 170 lbs/in ²	ASTM D-3575
Elongation (MD):	MD ≥ 300%	ASTM D-3575
Elongation (TD):	TD ≥ 200%	ASTM D-3575
Tear Strength (MD):	MD ≥450 lbs/ft	ASTM D-3575
Tear Strength (TD):	TD ≥650 lbs/ft	ASTM D-3575
Impact Isolation Class (IIC):	54	ASTM E-492-90
Sound Transmission Class (STC):	54	ASTM 90-02