



ALPHA

engineered composites

145 Lehigh Avenue, Lakewood, NJ 08701
T: 732.634.5700 F: 732.634.1430 alphainc.com

ALPHALAM X 330

Product Composition

Fluoroplastic Chemical Barrier Compound
100% virgin PTFE resin

English

0.012 inch

Metric

0.33mm

Physical Property

Test Method

English

Metric

Composite Weight, Nom

Basis Weight

17.7 oz/yd²

600 g/m²

Composite Thickness, Nom

ASTM D1777

0.012 inch

0.33mm

Tensile Strength, Min

ASTM D4851

41 lbs/inch(MD)
41 lbs/inch (XD)

357 N/50mm[MD]
357 N/50mm [XD]

Trapezoidal Tear Strength, Min

ASTM D4851

34 lbs (MD)
34 lbs(XD)

151 N [MD]
151 N [XD]

Adhesion Strength, Min

ASTM D4851

5 lbs/inch

45 N/50mm

Low Temperature Resistance

ASTM D1790

-100°F [-73°C]

High Temperature Resistance

ASTM D1790

+600°F [+316°C]

Water Immersion

24 hours @ 73° [23°C]

No Delamination

Mold Resistance

ASTM C665 / C1338
ASTM G21 [both sides]

No Growth
No Growth

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Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications

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