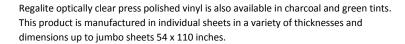


Product Data Sheet

"IA" Press Polished Sheet







Product Overview

<u>Description</u>: Single, double and triple ply press polished PVC available in clear and various tints, 20-50 mil (0.5 - 1.3mm).

<u>Applications</u>: Flexible glass-like windows for automotive and marine applications and various other uses including protective masks, exterior signage and industrial applications.

Processing: RF welding, cut & sew

Compliance

Complies with the following Standards:

: ANSI/SAE Z26.1 - American National Standard for Safety Glazing Materials (US DOT)

: ECE Regulation 43 - Uniform Provisions Concering the Approval of Safety Glazing Materials (Europe)

: Chrysler MS-DC31 - Press Polished Automotive Safety Glazing

Dimensional & Weight Properties

Skin Thickness : Various--typically 20 to 50 mil (0.5 - 1.3 mm)

Density : 1.30 +/- .05

Mass : 1300 g/m² (nominal for 40 mil construction)

Dimensions : Various--typical sizes include 24x54, 29x62, 29x68, 54x110 inches

Physical Properties

Elongation:>300 %ASTM D412Tensile Strength:>3000 psiASTM D412Tear Strength:>500 ppiASTM D1004Low Temperature Flexibility:-20°CSAE J323-A

Dimensional Stability : <2% ASTM D1204 (15m @ 100°C)

Colorfastness & Surface Durability

Xenon Weathering : >95% clarity retention ANSI SAE Z26.1, Test 16

Chemical Resistance : Pass ANSI SAE Z26.1, Tests 19 & 20

Luminous Transmittance : \approx 85-87% (clear vinyl), \approx 17-20% (charcoal) ASTM D1003 Haze : \approx 1% (clear vinyl) ASTM D1003

Additional Properties

Volatile Loss:<1%</th>CLP463-DD-04-01Durometer (Hardness):90 +/- 5ASTM D2240 (A scale)Burn Rate:Non-Sustaining FlameANSI Z26.1, Test 23Flammability:Self-ExtinguishingFMVSS 302Flammability:Does Not Ignite (Meets Class I, CS 191-53)CAL 117 E

Properties listed do not consitute a warranty or specification. Test values are based on materials conditioned and tested in a controlled laboratory using estiblished standards and procedures. Properties vary based on embossed grain, color, multiply lamination and other variables.

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