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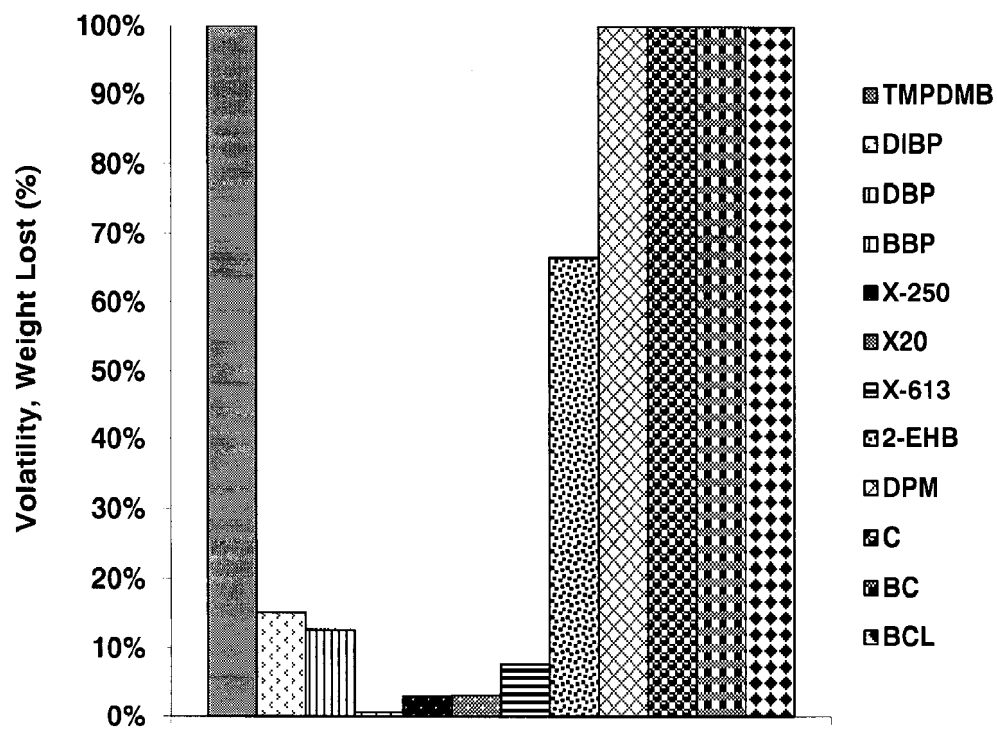


FIG. 1 ASTM D2369, 110°C for One Hour

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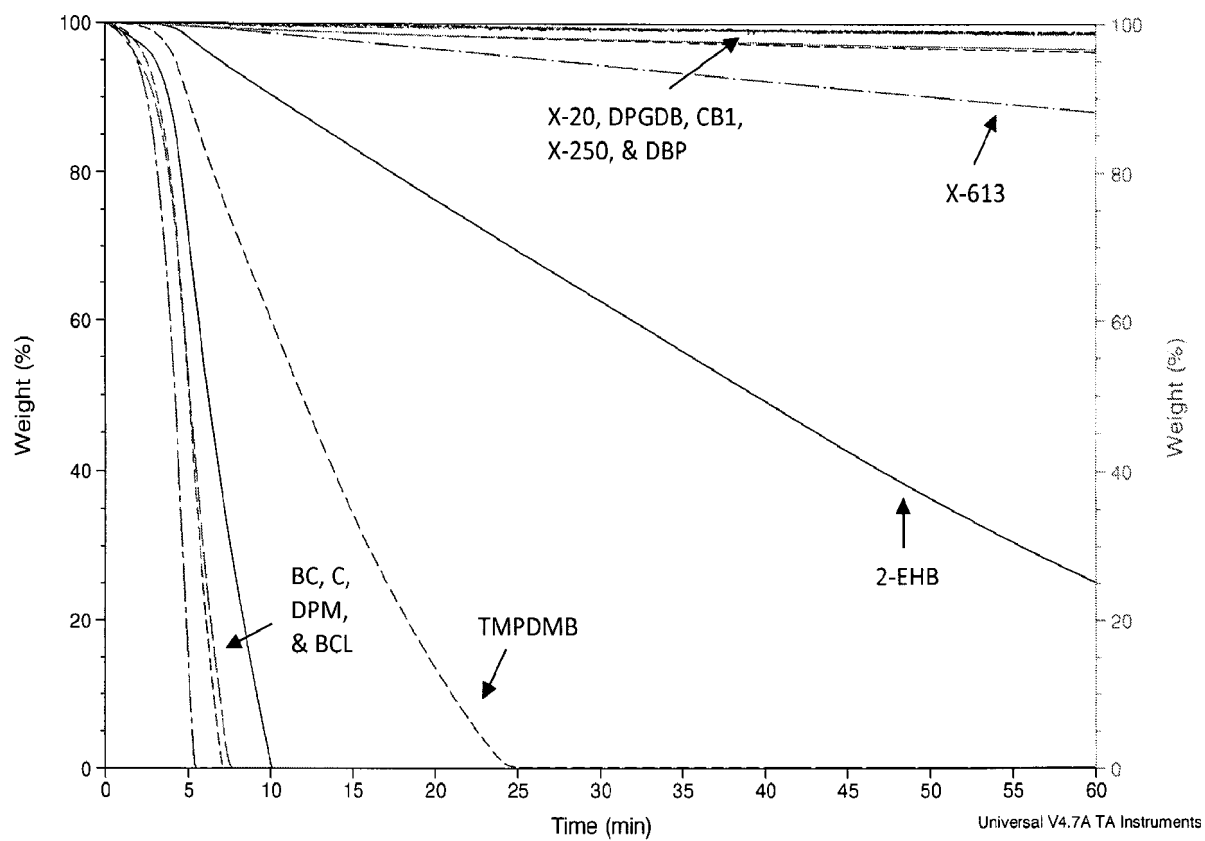
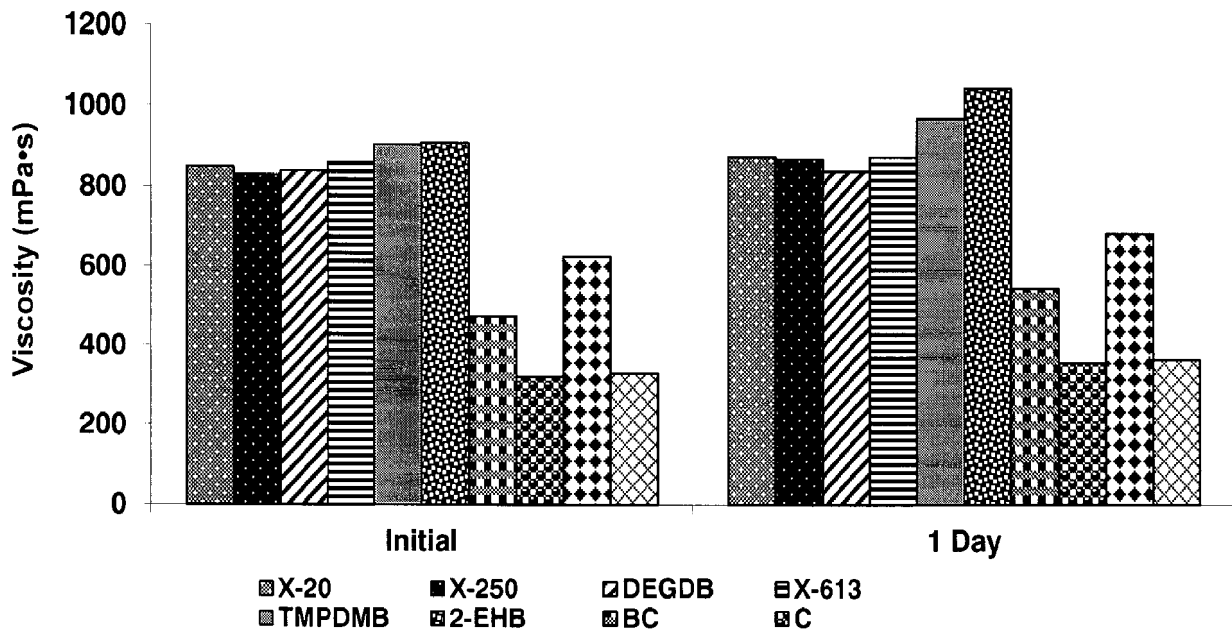
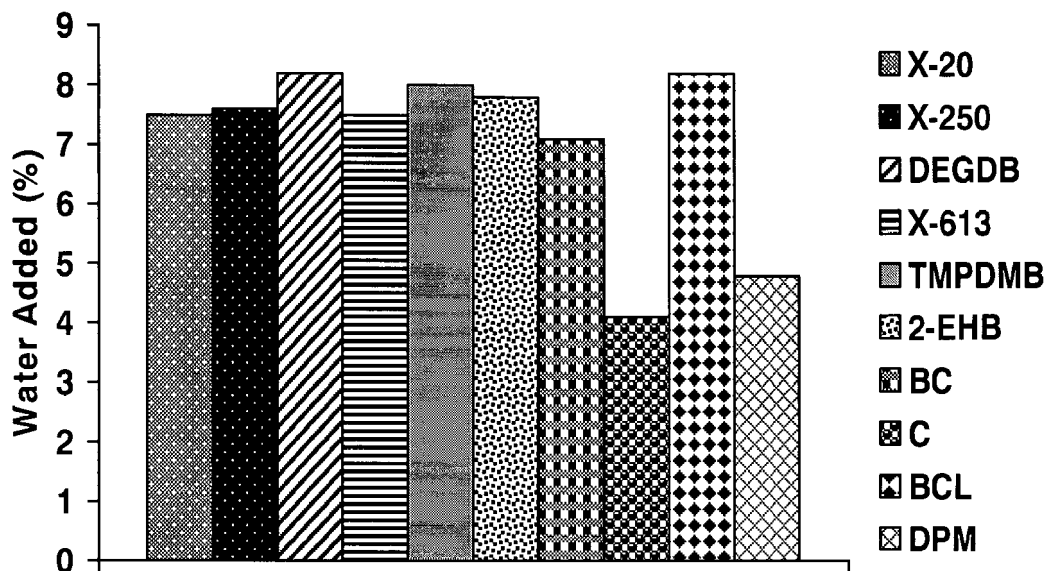


FIG. 2 TGA Isothermal Scan at 110°C for One Hour

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**FIG. 3** Viscosity Response Data**FIG. 4** Viscosity Reductions, Percent Water to 150 mPa·s

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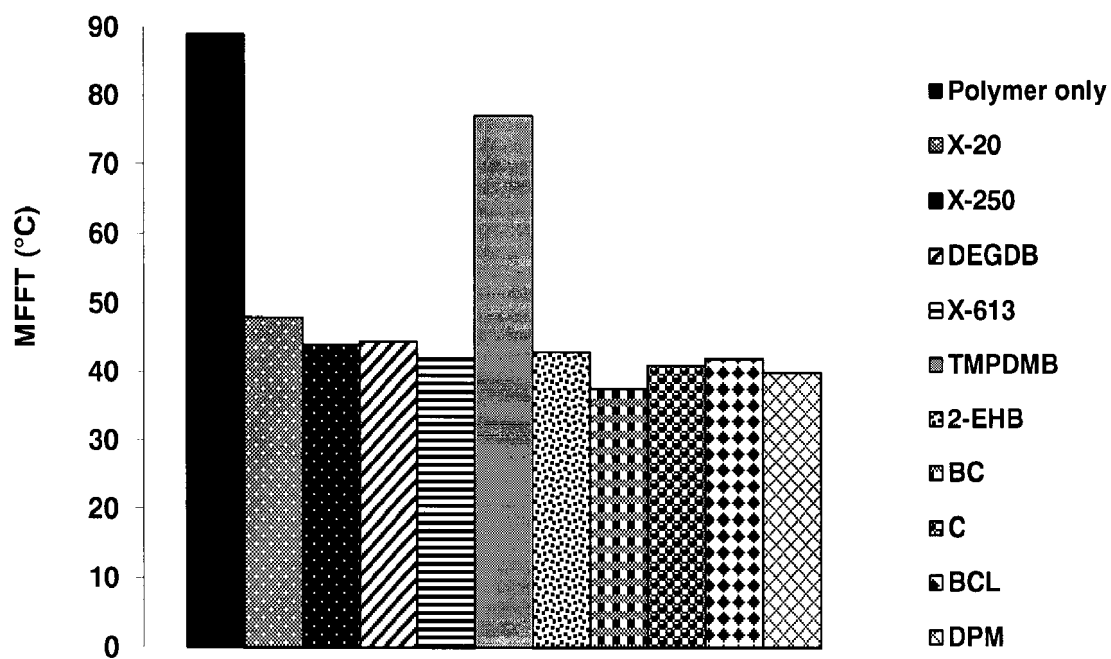


FIG. 5 MFFT Data on Binary Blends, 4% Plasticizer

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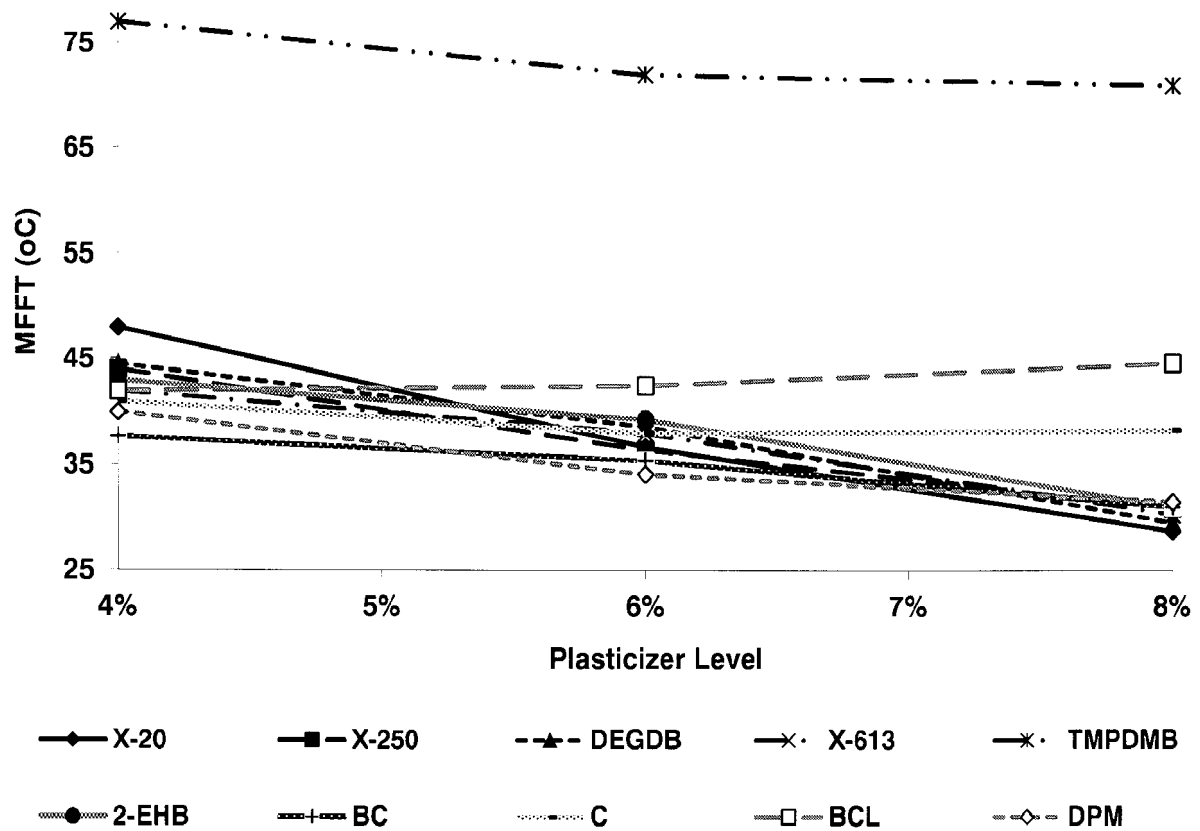


FIG. 6 MFFT Versus Plasticizer Level in Binary Blends

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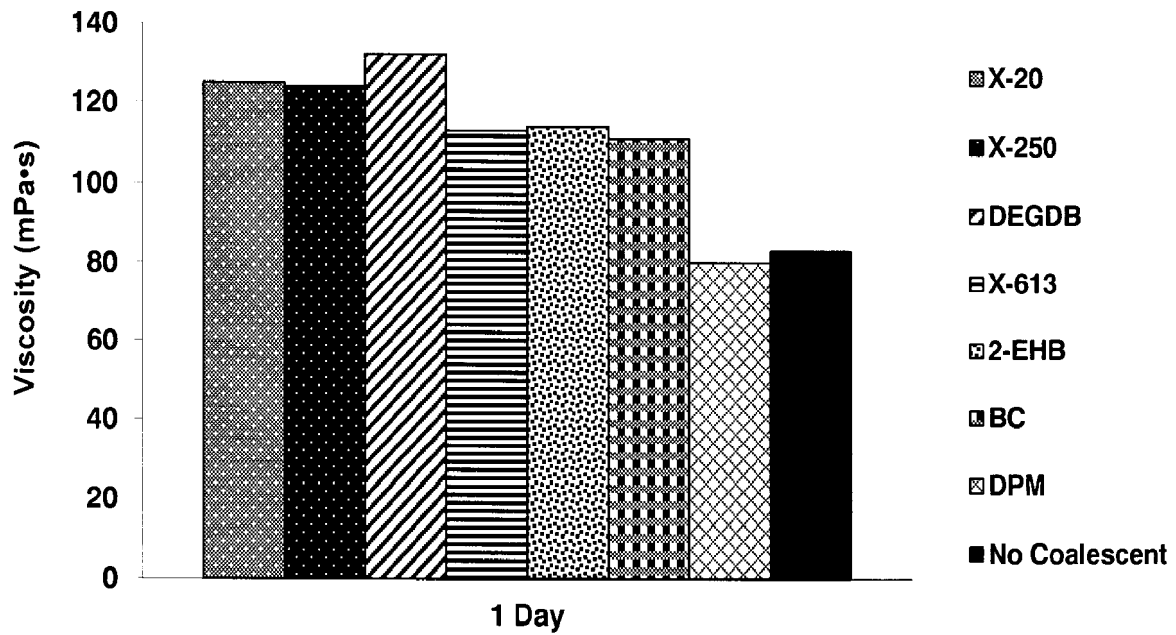


FIG. 7 OPV Viscosities, 1 Day Aging, 4% Coalescent

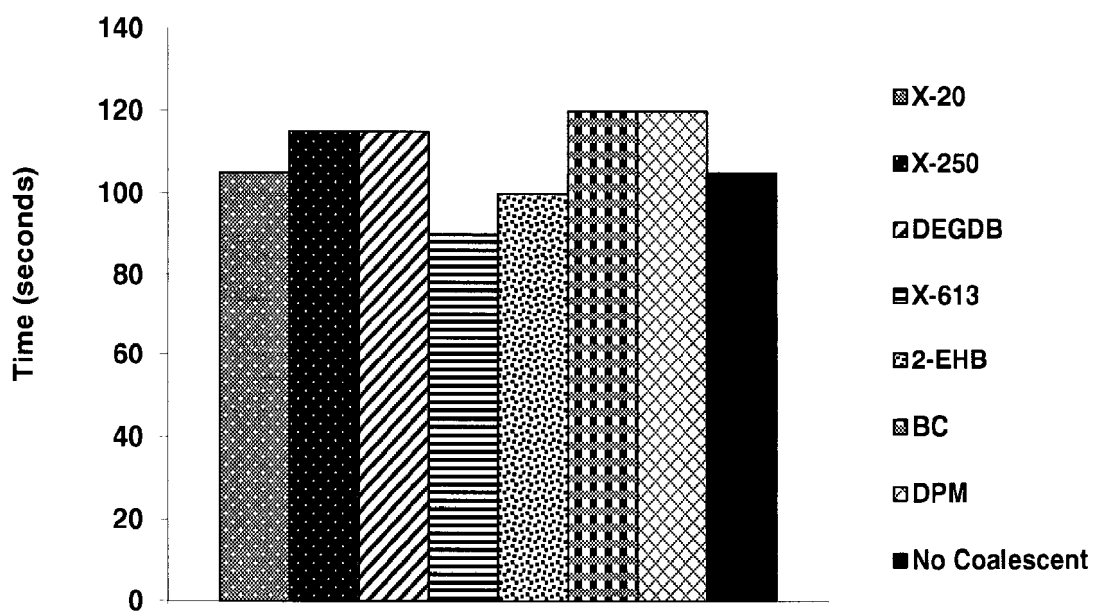
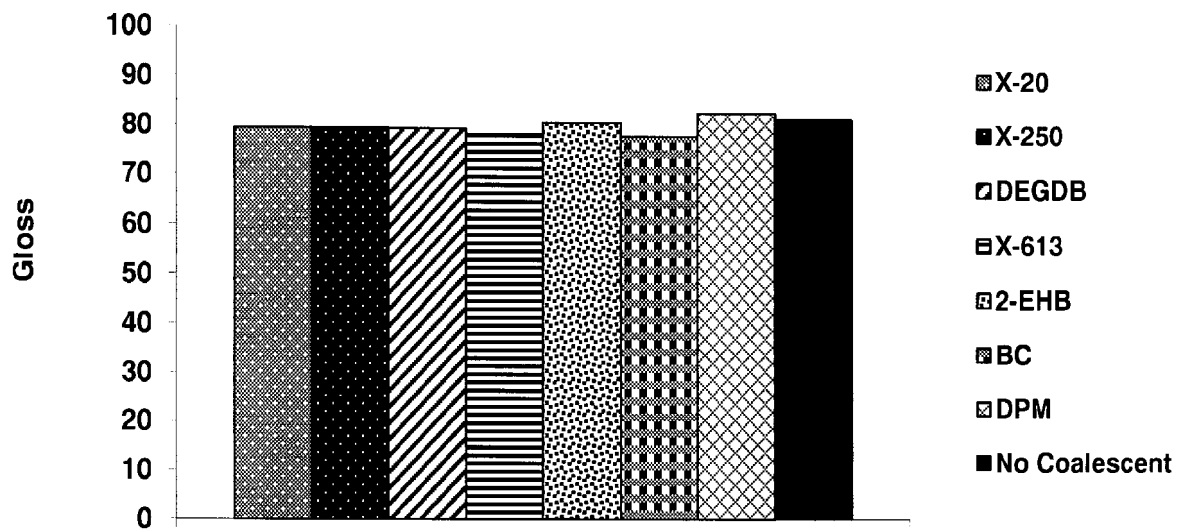
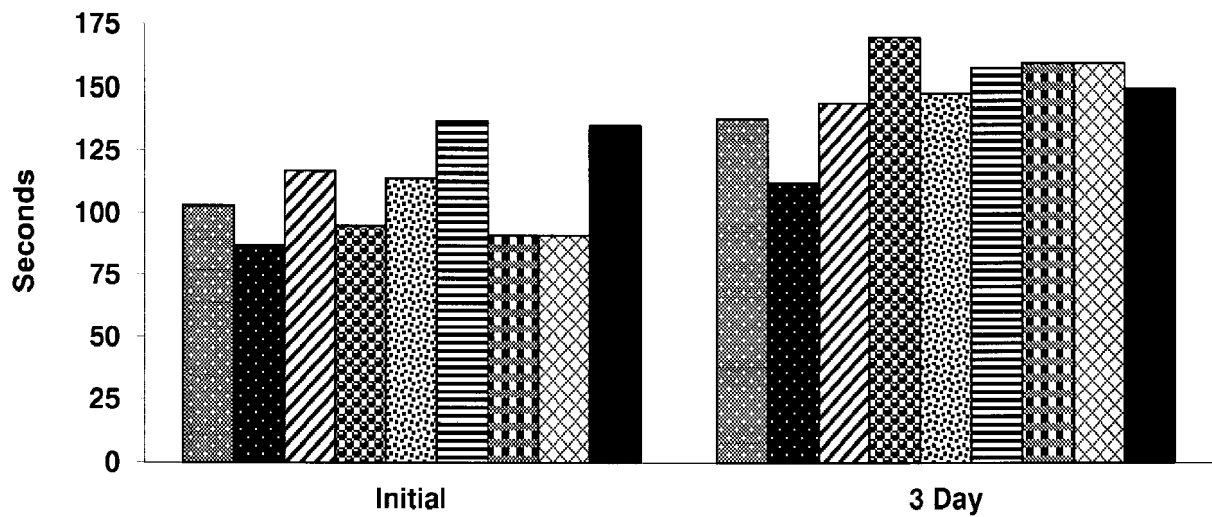


FIG. 8 Time to Dry to Touch

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**FIG. 9** 20° Gloss – Leneta 3B Substrate

■ X-20, 6% loading ■ X-250, 6% loading ▨ DEGDB ▨ C ▨ 2-EHB ▨ X-613 ▨ BC ▨ DPM ■ No Coalescent

FIG. 10 König Hardness

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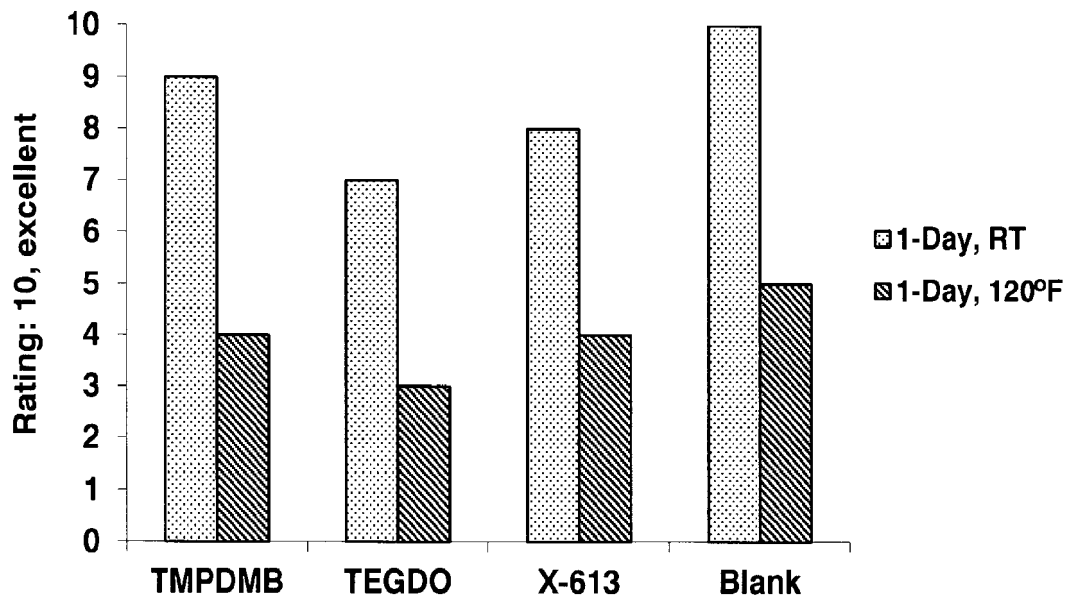


FIG. 11 Block Resistance, Semigloss Acrylic, 1-Day

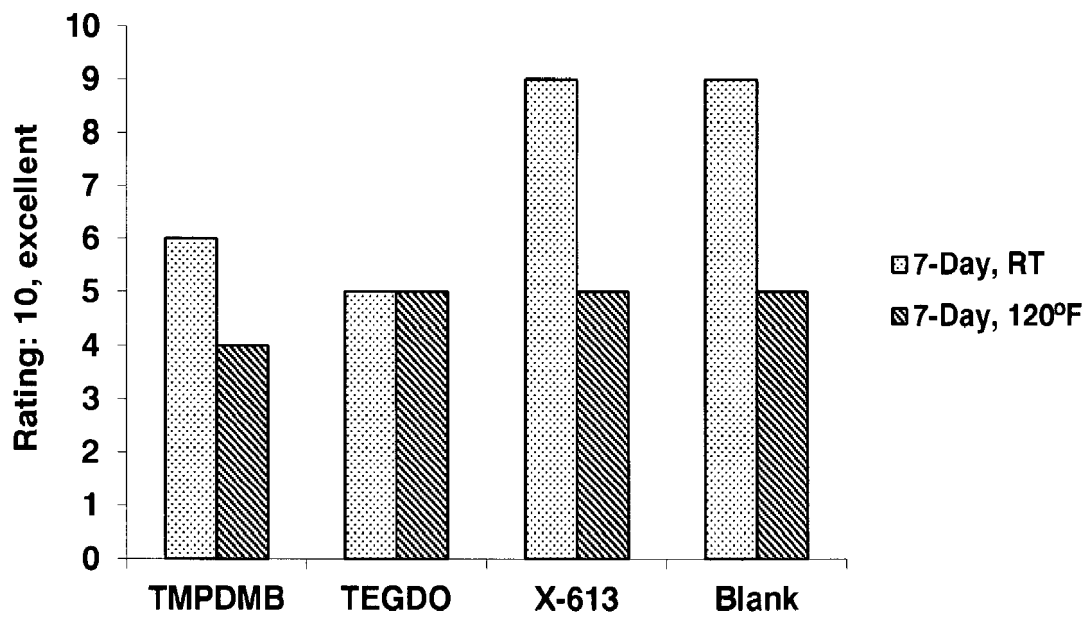


FIG. 12 Block Resistance, Semigloss Acrylic, 7-Day

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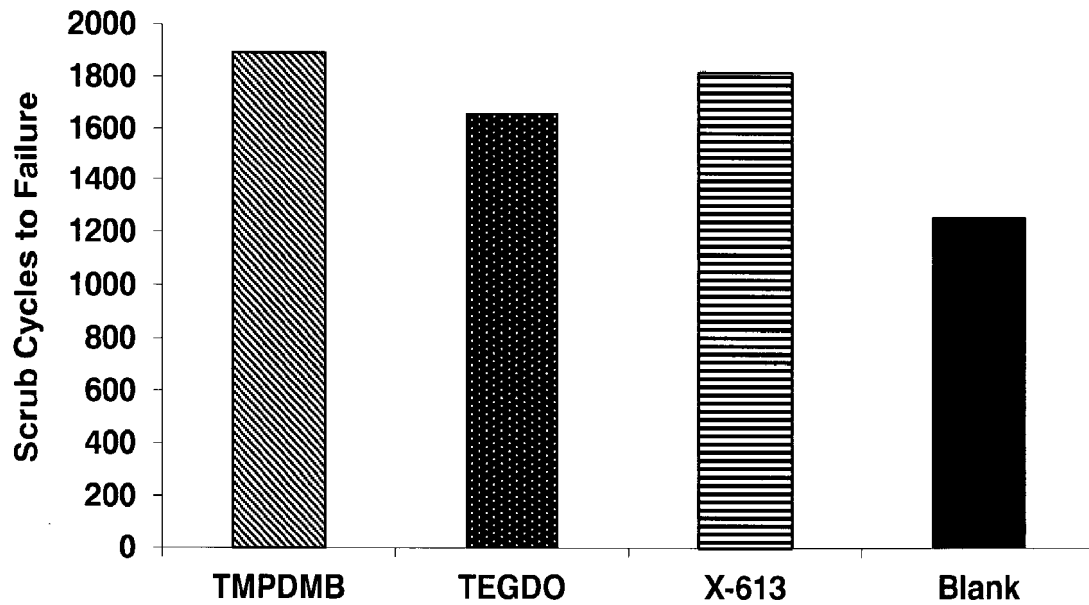


FIG. 13 Scrub Resistance, Semigloss Acrylic

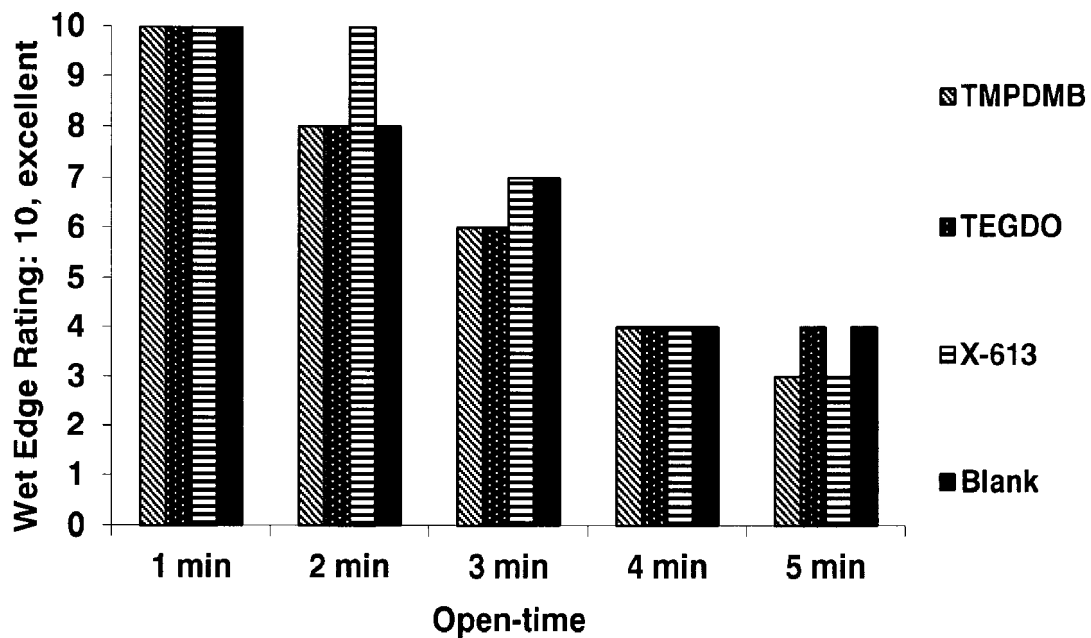
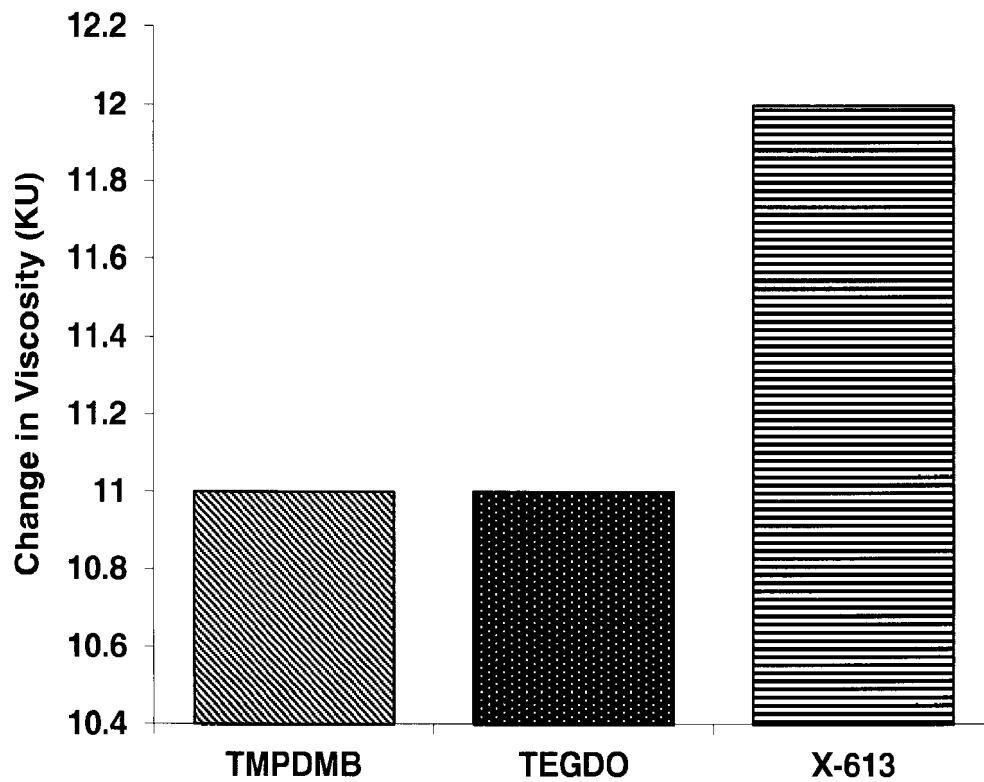
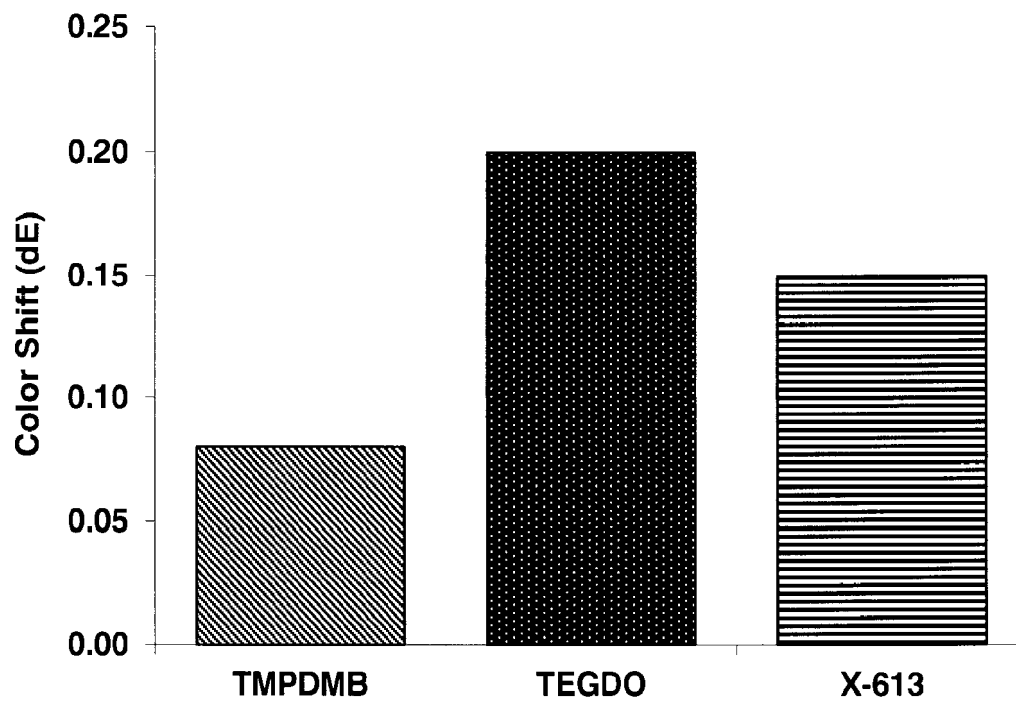
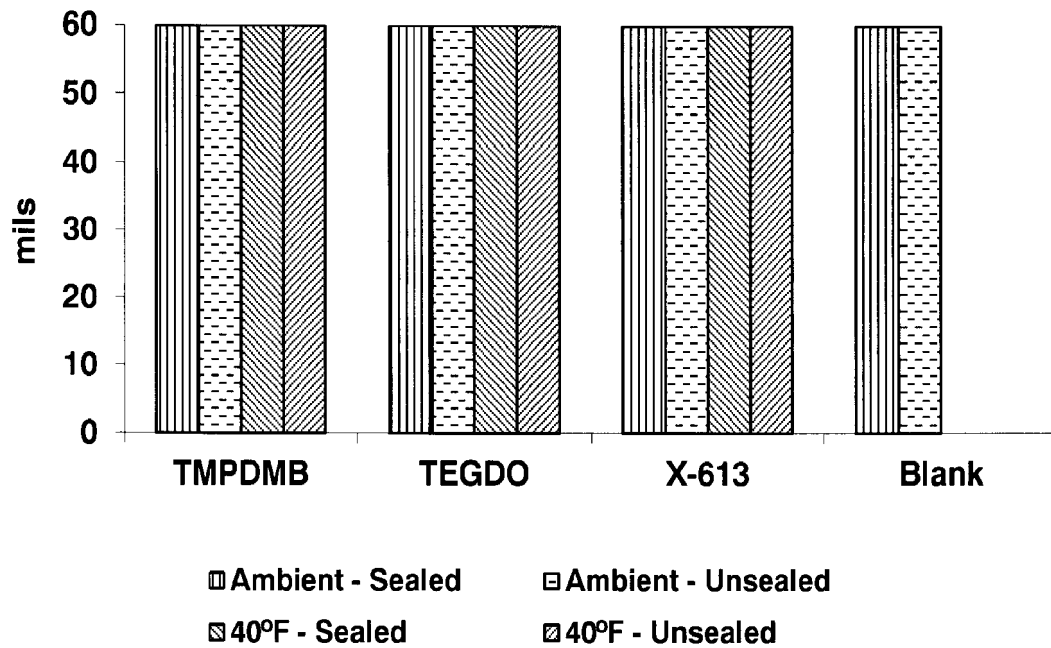
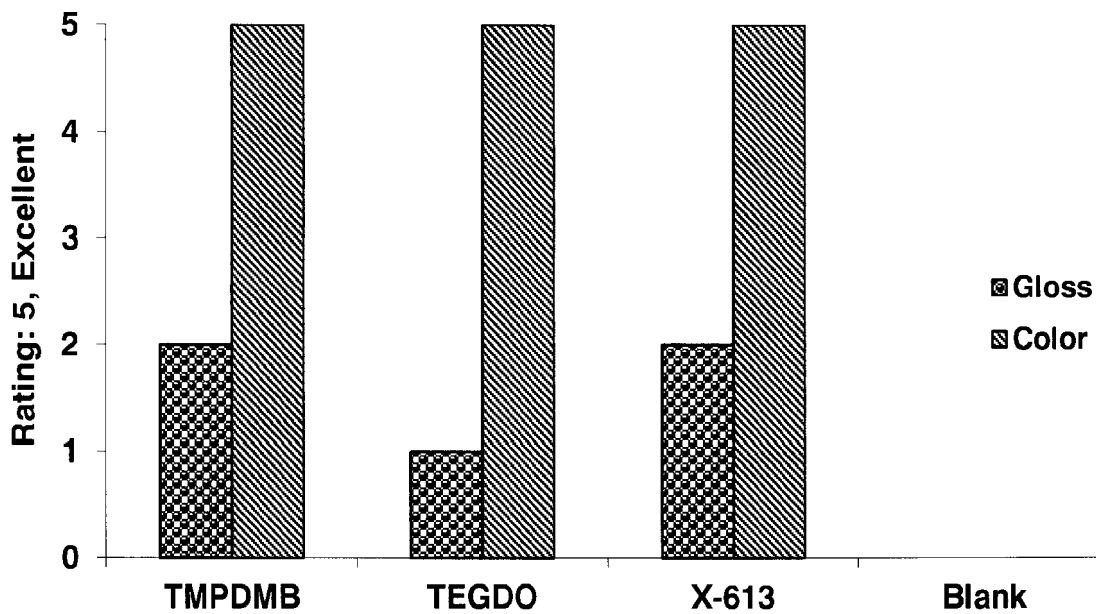


FIG. 14 Open-Time, Wet Edge, Semigloss Acrylic

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**FIG. 15 a** Delta Viscosity, Semigloss Acrylic**FIG. 15 b** Delta E, Color Shift, Semigloss Acrylic

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**FIG. 16** Mudcrack Resistance, Semigloss Acrylic**FIG. 17** Low Temperature Touch-Up, Semigloss Acrylic

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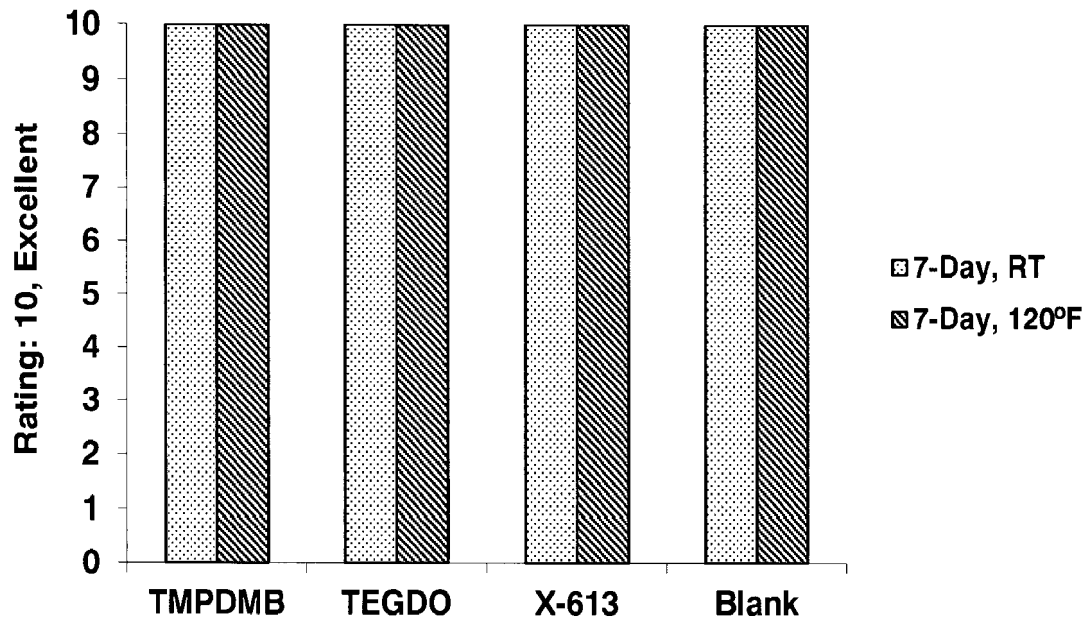


FIG. 18 Block Resistance, Vinyl Acrylic Flat, 7-Day

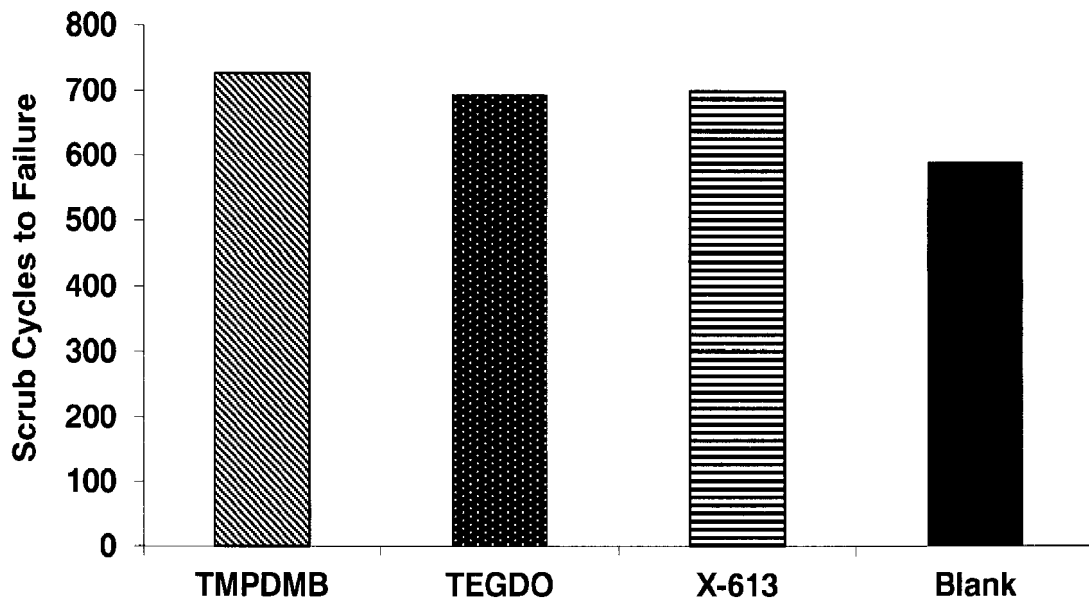


FIG. 19 Scrub Resistance, Vinyl Acrylic Flat

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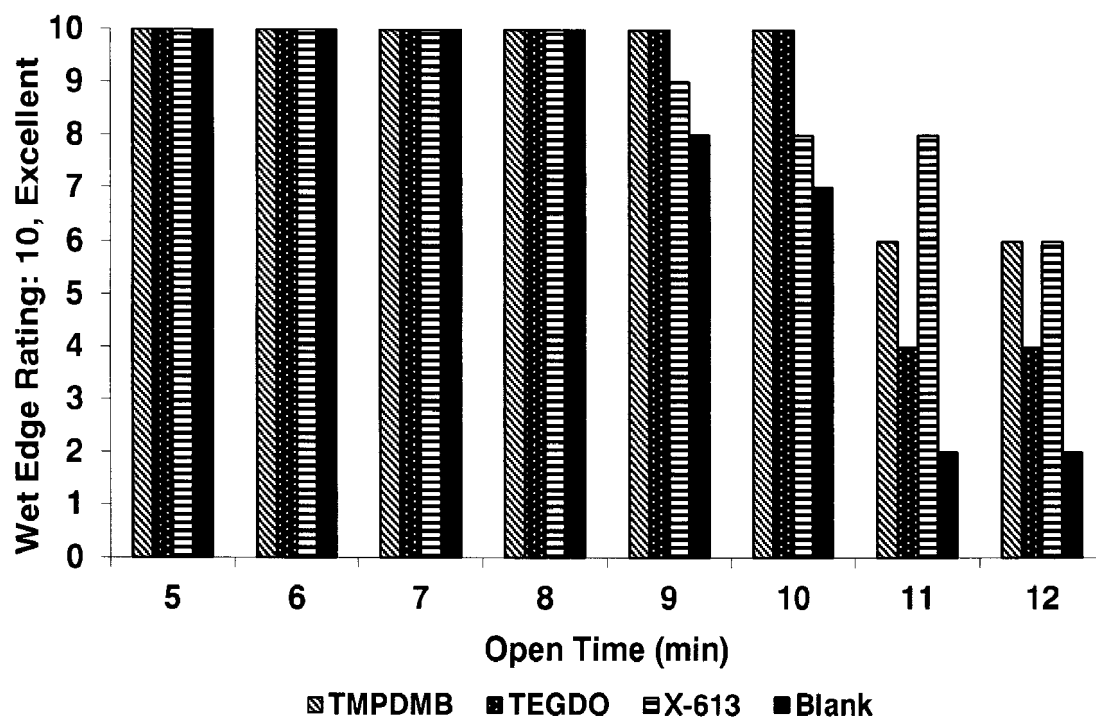


FIG. 20 Open-Time/Wet-Edge, Vinyl Acrylic Flat

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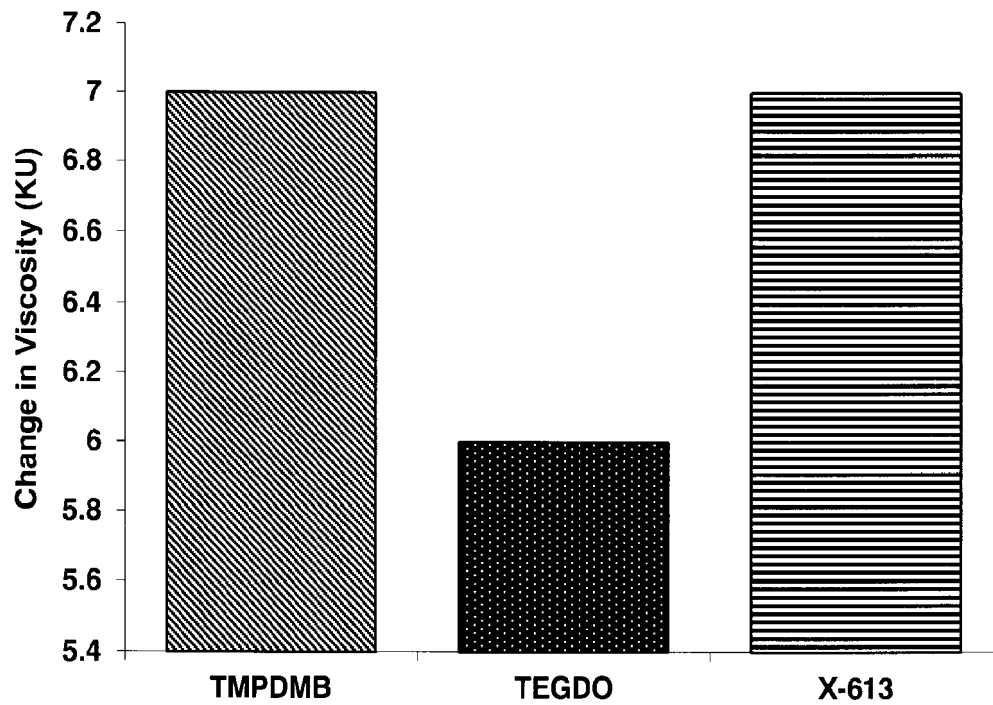


FIG. 21 a Delta Viscosity, Vinyl Acrylic Flat

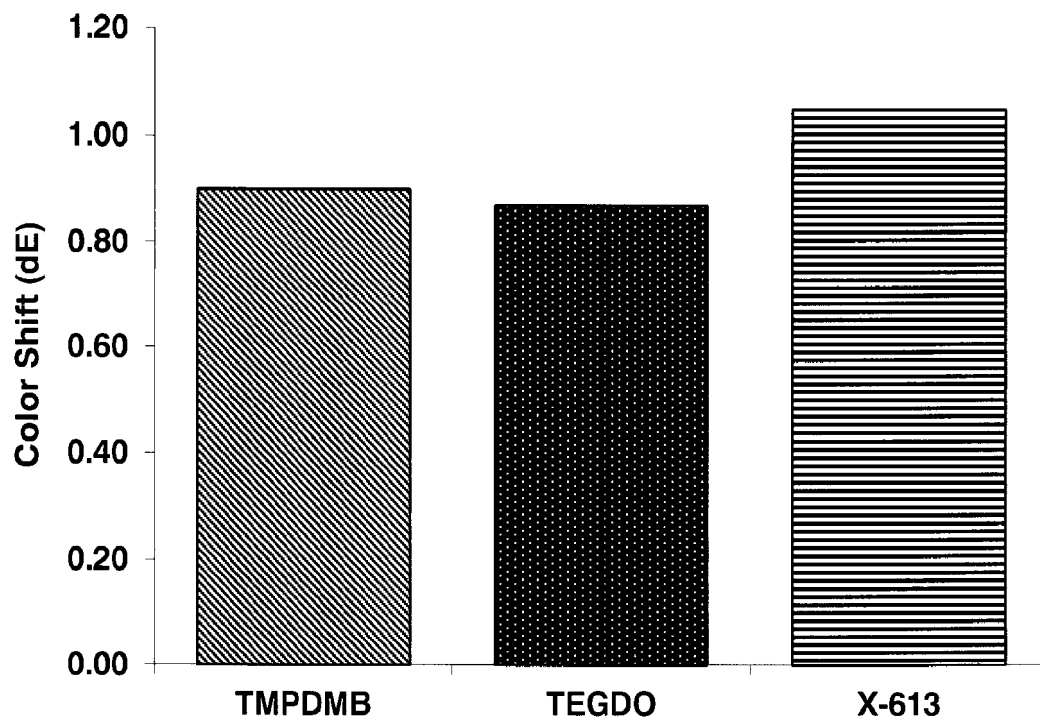
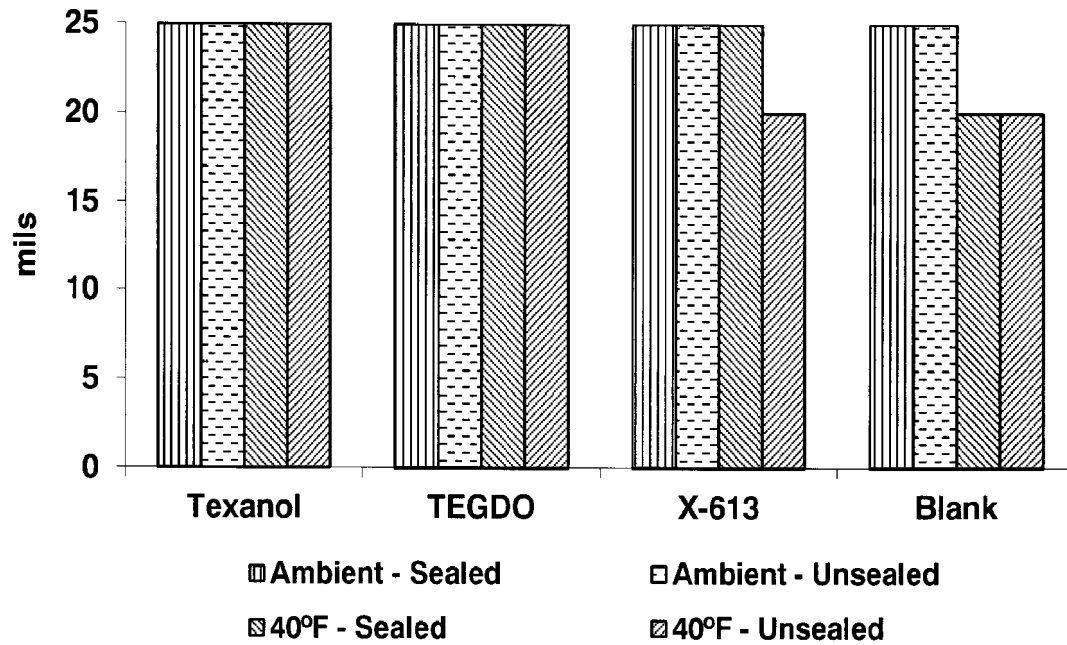
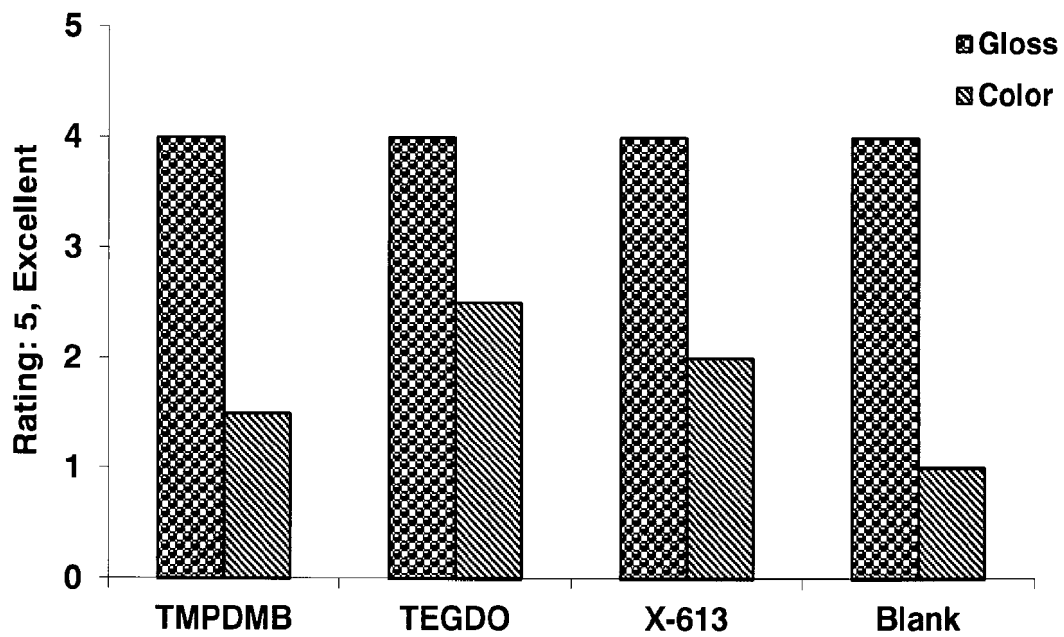


FIG. 21 b Delta E, Color Shift, Vinyl Acrylic Flat

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**FIG. 22** Mudcrack Resistance, Vinyl Acrylic Flat**FIG. 23** Low Temperature Touch-Up, Vinyl Acrylic Flat