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Standard Specification for Standard Colors for Polymer-Coated Chain Link Fence Materials¹

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1. Scope

1.1 This specification covers standard colors for coated chain link fence materials such as chain link fence fabric, tension wire, posts, rails, gate frames, and fittings.

2. Referenced Documents

2.1 ASTM Standards:

- D 1729 Practice for Visual Appraisal of Colors and Color Differences of Diffusely Illuminated Opaque Materials²
- D 2244 Test Method for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates²
- G 90 Practice for Performing Accelerated Outdoor Weathering of Nonmetallic Materials Using Concentrated Natural Sunlight³

3. Color

3.1 Unless otherwise stipulated by the purchaser, determine the color in accordance with the standard contained in Table 1.

¹ This specification is under the jurisdiction of ASTM Committee F14 on Fences and is the direct responsibility of Subcommittee F14.40 on Chain Link Fence and Wire Accessories.

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² Annual Book of ASTM Standards, Vol 06.01.

³ Annual Book of ASTM Standards, Vol 14.04.

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TABLE 1 Standard Polymer Colors

	Dark Green	Olive Green	Brown	Black
L	28.61	32.10	27.76	22.30
A	-12.59	-6.14	3.37	-0.09
B	1.95	3.00	4.28	-0.85
Delta/E	3.0	3.0	3.0	6.0

3.2 Determine compliance with this requirement by comparison of specimens of the coated materials to standard flat specimens of fused film of approximately the thickness specified for the coating to be applied to the materials, and measuring at least 1½ by 1½ in. [38 by 38 mm].

3.3 Prepare standard flat specimens for the evaluation of color coating by duplicating the production process as nearly as possible including temperature, particle size, etc.

3.4 Determine the color of the standard flat specimens in accordance with Test Method D 2244 and Practice D 1729.

3.5 Do not allow the color of the specimens to vary more than 6 Delta E when exposed to 500 000 Langley's accelerated weathering operated in accordance with Practice G 90 with both day and night spray cycles.