

# ENAMO GRIP

## High-Gloss Polyurethane Enamel TEST DATA

### Chemical and Solvent Resistance /24 hour Spot Test /75 Degrees F

Distilled Water: No Effect  
10% Sulfuric Acid: No Effect  
10% Acetic Acid: No Effect  
10% Formic Acid: Slight discoloration  
25% Lactic Acid: No Effect  
10% Citric Acid: No Effect  
Tannic Acid: No Effect  
Linseed-Oil Fatty Acid: No Effect  
20% Soda Solution: No Effect  
10% Salt Solution: No Effect  
30% Sugar Solution: No Effect  
10% Caustic Potash: No Effect  
10% Ammonia: No Effect  
3% Free Chlorine Solution: No Effect  
10% Hydrogen Peroxide: No Effect  
Premium-Grade Gasoline: No Effect  
Methylene Chloride: Destroyed  
Ethyl Acetate: No Effect  
Acetone: Slight Softening, and gloss reduction

Short-Term Solvent Resistance: 96 hours @ 75 F/50% R.H=

Pass ....100+ double-rubs/MEK

### Physical Properties of Cured Film:

(20 gauge, cold-rolled steel, Iron-phosphate pretreatment)

Adhesion: ASTM 03359....58 Rating/ No Loss of adhesion

Pencil Hardness: 3H-4H

ASTM D 4060: Taber Abrasion: 25 mg loss, 1,000 cycles, CS-17 Wheel, 1,000 gram load

Reverse Impact-Resistance: 20 inchllbs

Direct Impact-Resistance: 60 inchllbs

### 5% Salt-Spray Resistance:

Substrate: 20 gauge, cold-rolled steel, Iron-phosphate pretreatment

Film Thickness: 6 mils, OFT

Results: 5,000 hours...No Failure (No score-No blisters/No rusting)

### QUV (% of Gloss Retention)

Duration: 500 hours

20 Degree Geometry: 85%

60 Degree Geometry: 94%