

Durability Characteristics

Specific Characteristic	Test Condition	Result
Ultraviolet Light exposure	indoor UV exposure	No effect
Interior exposure	Indoor environment, consistent temperatures 40F to 90F	No effect
Abrasion Resistance	Taber Abraser with CS17 wheel, 1000 gm. Load, 10,000 cycles	Slight dulling of surface
Temperature Resistance	Black and Silver image, standard, 500 F	Slight yellowing of background material
Salt Spray	5% at 95 F for 700 hrs.	No Corrosion
Exterior exposure	Weather testing and actual outdoor exposure	protected: no effect unprotected: image degradation

Chemical Resistance	Test Condition	Result
Methyl Ethyl Ketone (MEK)	24 hr. immersion	No effect
Ethyl Acetate	24 hr. immersion	No effect
Ammonium Hydroxide	10% solution, 16 hr. immersion	Slight dulling
MIBK	24 hr. immersion	No effect
Brake Fluid	24 hr. immersion	No effect
Sulfuric Acid	10% solution, 16 hr. immersion test	No effect
Phosphoric Acid	1% solution, 7 hr. immersion test	No effect
Nitric Acid	3% solution, 72 hr. immersion	No effect
JP-4 Fuel	72 hr. immersion test	No effect
Skydrol (Hydraulic Fluid)	24 hr. immersion room temperature/ boiling point	No effect

tests based on optimally marked AlumaMark