

CHEMIONICS
CORPORATION

An ISO 9001:2000 Registered Company

Plastisol Compounding Capabilities: An Overview

Markets:

Automotive
Marine
Textile / Industrial Fabrics
Toy/Doll
Recreational
Novelty
Medical
Military
Furniture
Glove (Industrial / Medical)
Wallcovering
Plating Racks

Construction
Hand Tool
Filtration
Textile Screen Printing
Fishing Tackle
Caps/Closures
Custom Coating
Industrial Belting
Ceramic Tile
Tank Lining
Mats / Matting
Mining
Miscellaneous Markets

Applications:

Hot Dip Coating
Rotational Molding
Laminating Adhesives
Slush Molding
Sprayables
Injection Molding
Textile / Fabric Coatings
Open / Closed Molding
Dip Molding
Screen Printing
Coil Coating
Casting
Saturants
Cold Dips
Screen Printing Inks
Adhesives

PROPERTIES/CHARACTERISTICS

Custom Color Matching

Spectrophotometer Color Computer (Datacolor Spectraflash 300)

Pantone Matching

Opaque

Clear

Translucent

Glitter

Flourescent

Glow in the Dark

Light Reflective

Optical Brighteners

Variety of Durometers

Shore A 5 to Shore D 80

Viscosity Ranges

100—1,000,000 centipose (cps)

Plastisol Compounding Capabilities: An Overview, Cont.

Finishes

**High Gloss
Matte / Satin
Textured
Suede**

Expanded Vinyl

**Standard Foams (6 lb to 25 lb/cubic ft. densities)
Vinyl/Nitrile Blended Foams**

FDA / USDA / NSF / Medical & Toy Grade

Dielectric Properties

200—500 volts/mil

Resistance Properties

**High Temperature
Cold Temperature
Mildew / Fungus
Chemical / Acids
Ultra-Violet
Oil / Gasoline
Weather
Abrasion**

Phthalate Free Formulations

Conductive / Anti-Static Properties

Plastisol Blends

PVC / Nitrile

Plastisol Compounding Capabilities: An Overview, Cont.

Low Odor / Low Volatility Properties

Automotive Specifications

Military Specifications

Specialty Products / Services

**Custom Dispersions
Primers—Solvent / Water-Based
Toll Compounding
Air Dry Dipping Compounds
Plastisol Textile Inks**

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