
S-1402-L

Water Based Polyurethane Dispersion

Product Description

- APEO free urethane dispersion containing NMP
- Excellent gloss
- Adhesion to a variety of substrates
- Medium hard film suitable for formulated top coats

Product Properties

Solids (%): 34-36
VOC (g/L): 104.2
Gloss @ 60°: 91
Charge: Anionic

Film Properties

Tensile (D-882, psi): 5,000
Elongation (D-882, %): 310
Pencil Hardness (D-3363): 4H
Dry Time (D-5895, min.): 120

Substrate Cross-Cut Adhesion

Cold Roll Steel-unpolished: 5B
Aluminum-untreated: 5B
Brass-untreated: 5B
HDPE-untreated: 0B

ABS-untreated: 5B
Polycarbonate-untreated: 5B
Nylon-untreated: 5B

Chemical Resistance

(5=no damage, films dried for 15 minutes at 80°C, then equalized at room temp. for 7 days, tested using ASTM D-1308)

Water: 5
Acetic Acid: 5
Ammonia: 4
Methyl Ethyl Ketone: 5
2-Propanol: 2
Gasoline: 5

Synthetic Natural Polymers

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