
S-1417-L

Water Based Polyurethane Dispersion

Product Description

- APEO/NMP free urethane dispersion
- Soft, strong, high adhesion film
- Excellent gloss and abrasion resistance
- Designed for use in formulated specialty coatings

Product Properties

Solids (%): 34-36
VOC (g/L): 80-90
Gloss @ 60°: 70-100

Film Properties

Tensile (D-882, psi): 3,600
Elongation (D-882, %): 700
Pencil Hardness (D-3363): 4B

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: 2
2-Propanol: 1
Gasoline: 5

Synthetic Natural Polymers

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