
S-1431 -L

Water Based Polyurethane Dispersion

Product Description

- APEO/NMP free urethane dispersion
- Strong, flexible film
- Exceptional adhesion to variety of substrates
- Designed for graphic arts, textiles, OPV, metal, and plastics

Product Properties

Solids (%):	31-33
VOC (g/L):	55-65
Gloss (%) @ 60°:	80-100

Film Properties

Tensile (D-882, psi):	3850
Elongation (D-882, %):	1000
Pencil Hardness (D-3363):	<6B

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:	3
Ammonia:	2
Methyl Ethyl Ketone:	1
2-Propanol:	2
Gasoline:	5

Synthetic Natural Polymers

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