
S-1426-L

Water Based Polyurethane Dispersion

Product Description

- APEO/NMP free urethane dispersion polycarbonate-based polyurethane
- Excellent film strength and flexibility
- Chemical and abrasion resistance
- Adhesion to a variety of substrates
- Designed as a base for coatings for construction and plastics

Product Properties

Solids (%):	34-36
VOC (g/L):	57-59
Gloss (%) @ 60°:	80-100

Film Properties

Tensile (D-882, psi):	5,200
Elongation (D-882, %):	600
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: 3B
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:	5
Gasoline:	5

Synthetic Natural Polymers

Durham, NC Phone: 919-598-0400

Revised July 21, 2023

