
S-1440-L

Water Based Polyurethane Dispersion

Product Description

- Solvent free and silica free
- Low gloss

Product Properties

Solids (%):	32.5-34.5
VOC (g/L):	6.2-6.5
Gloss (%) @ 60°:	0-5

Film Properties

Tensile (D-882, psi):	1,590
Elongation (D-882, %):	512
Pencil Hardness (D-3363):	2H

Substrate Cross-Cut Adhesion

Cold Roll Steel-unpolished: 3B
Aluminum-untreated: 3B
HDPE-untreated: 0B

ABS-untreated: 5B
Polycarbonate-untreated: 5B
Nylon-untreated: 0B

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:	3
Methyl Ethyl Ketone:	3
2-Propanol:	3
Gasoline:	4

Synthetic Natural Polymers

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Revised July 21, 2023

