

ESSENTIAL CC-4520

WATERBORNE ALIPHATIC POLYURETHANE DISPERSION

DESCRIPTION

Essential CC-4520 is a Bio-based aliphatic polyurethane dispersion. CC-4520 utilizes a bio-based raw material that is derived from renewable resources that is non-yellowing.

CC-4520 exhibits good abrasion and chemical resistance in addition to its GREEN characteristics.

KEY BENEFITS

- Bio-based
- Good abrasion resistance
- Good chemical resistance
- Non-yellowing

TYPICAL PROPERTIES*

Appearance	Translucent
pH	8.5
Solids, % by Weight	35.0
Solids, % by Volume	33.5
Viscosity, cP @ 25°C	<300
Density Lbs./Gal.	8.7
VOC Level (As Supplied)	
Lbs./Gal.	2.20
G/L	263
Particle Charge	Anionic
Particle Size	Colloidal
Acid Number	27

**These values should not be interpreted as specifications.*

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ESSENTIAL CC-4520 FILM PROPERTIES

All tests were performed on coatings kept at 77°F and 50% RH for seven days before testing.

Tensile Strength, PSI	2985
Elongation at Break, %	175%
Tests Performed on Aluminum Panels (1-Mil Dry Films)	
Konig Hardness (Seconds) (1 day, 7 day)	70, 78
Taber Abrader (Mg Loss, 500 Cycles, 1000g)	5.0