



NovaCoat AQ-610

High Rub Folding Carton Coating

Description

NovaCoat AQ-610 was formulated to be a high gloss, high rub folding carton coating for use in sheetfed and flexographic applications. In most applications, it can be used as a 2-sided commercial coating. It is NOT recommended to be recoatable. TEST BEFORE USING!

Features

- * Excellent rub resistance.
- * Excellent gloss.
- * Excellent flow and leveling.
- * Acceptable dry speed.

Directions

Mix before use and check viscosity. Add 1% water or 50/50 blend of Water/IPA under agitation to reduce coating viscosity 4" # 3 Zahn.

Technical Specifications

| | |
|--|---|
| <i>Flash Point (°F TCC)</i> | > 200 |
| <i>pH</i> | 8.0 – 8.5 |
| <i>Weight/Gallon</i> | 8.76 |
| <i>Gloss</i> | 10-30 points over stock, depending on porosity |
| <i>Rub Resistance</i> | 9/10 |
| <i>Slip (face to face)</i> | 15-20 degrees |
| <i>COF (face to face)</i> | .26 - .36 |
| <i>Block Resistance (face to face)</i> | Pass 120 F x 24 hr, 100% RH |
| <i>Gluing, Stamping</i> | Suitable with some glues and foils. TEST FIRST! |
| <i>UV Primer</i> | Suitable with some UV coatings. TEST FIRST! |
| <i>Viscosity (#3 Signature Zahn Cup)</i> | 18-20" @ 77 F |
| <i>Inks</i> | Use recoatable inks only |
| <i>Dilution</i> | 1% water will reduce viscosity 4" #3 Zahn |
| <i>Wet Film Weight</i> | 3-6 micron |
| <i>Percent Solids</i> | 40.0 +/- 2 |
| <i>Shelf Life</i> | 12 months, 6 after opening |
| <i>Freeze/Thaw Stability</i> | 1 cycle |
| <i>Drying</i> | Pile 105 F 1st side, 95F 2nd side |
| <i>Clean-up</i> | Warm water. Water + ammonia for dried coating. |

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