

SYNTRAN® 6701

Technical Information

SYNTRAN® 6701 is based on a propriety manufacturing process that creates an inherently dull acrylic polymer. This technology creates a film with low gloss, flexibility, and excellent stability. This technology also allows for excellent adhesion over multiple substrate types.

Performances

Applications

Label, board and packaging coatings (OPV)
Interior & exterior paints
Textile & leather coatings

Features and Benefits

Film has low gloss, flexibility with excellent clarity
High compatibility with other waterbased polymers and additives
Excellent adhesion to flexible films and foils
Zero VOC requirements to formulate coating

Typical Chemical and Physical Properties (do not constitute specifications)

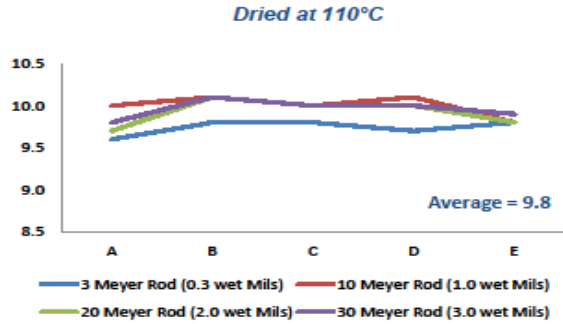
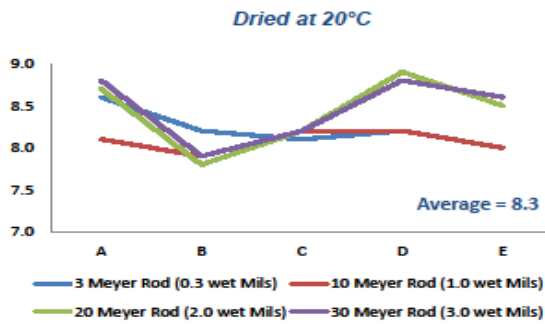
Physical form	White emulsion
Solids content	45.0%
pH value	7.5
Viscosity	< 1000 cps
Density	1.040
MFFT	0°C
Freeze-thaw stability	Protect from freezing
Stability at 52°C	Unchanged after 30 days

Safety, Storage, Handling

Please refer to Safety Data Sheet.
Shelf life: 12 months from shipping date in originally sealed containers.
Storage: between 5°C and 35°C.

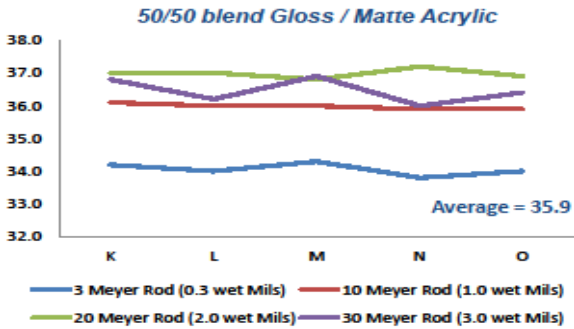
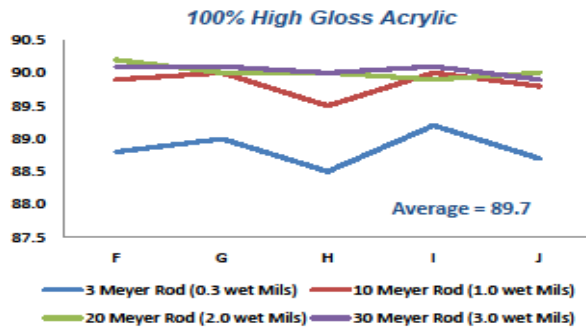
Matte Polymer Technology - Performance Data

Cure Temperature Stability of Matte Acrylic



Coated Matte Acrylic onto 2A Leneta Card, with various Meyer Rods and Dried at various Temperatures

Matting Efficiency of Matte Acrylic



Coated onto 2A Leneta Card, with various Meyer Rods and Dried at 110°C

Crosshatch Adhesion of Matte Acrylic

