

TRANSPROP™ CWF1-F

DESCRIPTION:

TransProp CWF1-F is a biaxially oriented white opaque cavitated polypropylene film, high gloss, high energy treated one side.

CHARACTERISTICS:

- Outstanding opacity
- Excellent whiteness
- High energy flame treated one side for excellent adhesion of water based coatings
- Excellent stiffness
- Untreated side suitable for pressure sensitive adhesive applications. Corona or flame treatment needed for proper adhesive bonding.

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES		TEST METHOD
Thickness	Gauge	157	256	-
Yield	in ² /lb	24,800	15,200	-
Opacity	%	88	94	TAPPI
Optical Density	-	0.62	0.82	-
Whiteness Index	%	88	89	ASTM E313-84
Gloss 45° treated side	%	65	60	ASTM D2457-08
Tensile Strength MD	lb/in ²	13,177	13,177	ASTM D882-02
Tensile Strength TD	lb/in ²	23,245	23,245	ASTM D882-02
Elongation at Break MD	%	140	140	ASTM D882-02
Elongation at Break TD	%	47	47	ASTM D882-02
Dimensional Stability MD	%	4.0	4.0	266°F, 5 min
Dimensional Stability TD	%	2.0	2.0	266°F, 5 min
Stiffness MD	Stiffness units	6	25	Taber V-5
Stiffness TD	Stiffness units	10	44	Taber V-5
Surface Energy (High Energy Flame Side)	dyne/cm	40	40	ASTM D2578-04a

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