



Wide Format Latex Inkjet Media

Product Data

JetView™ Latex White Translucent Matte/Gloss Polycarbonate for Backlit

Product Description

JetView Latex White Translucent Polycarbonate is optimized for Latex Inkjet printers. One side has a matte finish while the other side has a gloss finish. Both sides are printable

Typical Applications

Backlit signage, Point-of-purchase signs

Property	ASTM Test Method	Units (USCS)	Value	ISO Test Method	Units (SI)	Value
Mechanical						
Tensile Strength						
@Yield	ASTM D882	psi	8500	ISO 527	MPa	62
Ultimate	ASTM D882	psi	9000	ISO 527	MPa	65
Tensile Modulus	ASTM D882	psi	300000	ISO 527	MPa	2506
Tensile Elongation at Break	ASTM D882	%	100 - 150	ISO 527	%	100 - 154
Gardner Impact Strength at 0.03 in (0.75 mm)	ASTM D3029	ft-lb	23	ISO 6603-1	J	31
Tear Strength						
Initiation	ASTM D1004	lb/mil	1.4 - 1.8		kN/m	245
Propogation	ASTM D1922	g/mil	30-55		kN/m	10-20
Puncture Resistance (Dynatup)	ASTM D3763	ft-lb	9		J	12
Fold Endurance (MIT)						
0.010 inch (0.25 mm)	ASTM D2176-69	double folds	130			130
0.020 inch (0.50 mm)	ASTM D2176-69	double folds	20			5

Thermal						
Coefficient of Thermal Conductivity	ASTM D5470	Btu/hr/ft ² /°F/in	1.35	20	W/m ² K	0.2
Coefficient of Thermal Expansion	ASTM E831	(x 10 ⁻⁵ /°F)	3.2	ISO 11359	(x 10 ⁻⁵ /°C)	5.8
Specific Heat @ 40°F (4°C)	ASTM E1269	Btu/lb/°F	0.3		KJ/Kg-°C	1.25
Glass Transition Temperature	ASTM D3417/D3418	°F	307	ISO 11357	°C	153
Vicat Softening Temperature, B	ASTM 1525-00 Modified	°F	323		°C	160
Heat Deflection Temp. by TMA at 1.8 MPa		°F	290	ISO 75 Modified	°C	145
Shrinkage at 302°F (150°C)	ASTM D1204	%	1.40%		%	1.40%
Brittleness Temperature	ASTM D746	°F	-211		°C	-135

Physical						
Density	ASTM D792	slug/ft ³	2.3	ISO 1183	kg/m ³	1200
Surface Roughness (RMS)	ASME B46-01		55			

Manufacturing Specifications	Min./Max. Limit of Nominal
Gauge Range	
0.007" (0.175 mm)	± 10%
0.010 - 0.015" (0.250 - 0.375 mm)	± 5%
0.20 - 0.030" (0.500 - 0.750 mm)	± 3%

In the event of any post-print processing applications, a minimum of 24 hours is recommended between printing and any additional processes. This is especially important for any processes that will come in direct contact with the ink, such as adhesive lamination. For best results, consult your ink manufacturer's recommendation of ink post-cure time, as inks may vary.

The applications suggestions, specifications and other data described here are based on experience that is believed by Tekra, LLC. to be reliable. Because of the characteristics of these products, you should, before using these products in production, perform your own tests to determine to your satisfaction whether these products are acceptable and suitable for your particular purposes under your operation conditions.

Any order for these products will be subject to Seller's terms and conditions of sale.