

Boltaron 3042 TruPrint

Rigid Polyvinyl Chloride

Boltaron Performance Products

Message:

TruPrint PVC Composite is a premium grade print stock of high quality rigid vinyl, suitable for lamination with Polyester Core. Flexibility of print surfaces to fit your specific printing needs. Available corona treatment on one or both sides broadens potential uses and increases flexibility in processing.

TruPrint PVC Composite can be used in split core and laminated for Type 1, 2, or 3 cards and is compatible with coated or uncoated overlays.

TruPrint PVC Composite print stock offers excellent flex properties, greater card durability and is lower cost than solid Polyester construction. The material has color consistency making it the ideal product for virtually all card applications where long life, durability and performance are critical.

Standard Gauges-

...3042 (.006" -- .0099")

...3052 (.010" -- .0179")

Colors - White and custom colors

Sizes - Sheets cut to specifications

General Information			
Features	Copolymer		
	Durable		
	Excellent Printability		
	Good Color Stability		
	Good Flexibility		
	Good Processability		
	Recyclable Material		
Uses	Laminates		
	Printing Sheet		
Appearance	Colors Available		
	White		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36 to 1.42	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106 to 112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2210 to 2900	MPa	ASTM D638
Tensile Strength (Yield)	36.5 to 42.1	MPa	ASTM D638
Flexural Modulus	2000 to 2760	MPa	ASTM D790
Flexural Strength (Yield)	57.9 to 66.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	160 to 530	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	65.0 to 68.3	°C	ASTM D648
Vicat Softening Temperature	78.0 to 82.0	°C	ASTM D1525

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