

3042

BOLTARON

3042 TruPrint

GENERAL INFORMATION

Boltaron 3042 is a premium grade copolymer print stock of high quality rigid vinyl, suitable for virtually all printing applications. It is specifically intended for composite card applications where polyester is laminated with PVC. Print surfaces can be customized to fit your specific printing needs.

3042 TruPrint copolymer print stock can be used in split core and laminated for type 1, 2 or 3 cards and is compatible with coated or uncoated overlays and polyester.

This product offers excellent flex properties, greater card durability and is of lower cost compared to solid polyester construction. This material has color consistency making it the ideal product for virtually all card applications where long life, durability and performance are critical.

AVAILABILITY

Gauges: .006-.0099
Sheet Sizes - Cut to specifications.
Colors - White and custom colors.

SUGGESTED APPLICATIONS

Drivers License
Contactless cards
Campus cards
ATM cards
Smart cards
Fare cards
I.D. tags

Typical Physical Properties

Property	Test Method	Typical values
Specific gravity	ASTM D-792	1.36 - 1.42
Tensile strength (PSI)	ASTM D-638	5,300-6,100
Tensile modulus (PSI)	ASTM D-638	3.2×10^5 - 4.2×10^5
Flexural strength (PSI)	ASTM D-790	8,400 - 9,600
Flexural modulus (PSI)	ASTM D-790	2.9×10^5 - 4.0×10^5
Izod impact (Ft. lbs./in. of notch)	ASTM D-256	3 - 10
Hardness Rockwell R	ASTM D-785	106 - 112
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	149 - 155
Vicat Softening point (°C)	ASTM D-1525	78 ±2

LIMITATION OF WARRANTY

The application suggestions, specifications and other data described here are based upon experience and information that is believed, by BPP to be reliable. However, BPP makes no express or implied warranty that BOLTARON 3042 will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 3042, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 3042 and the application suggestions before actual application.

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