

2455

BOLTARON

2455 IR-TruBlock

GENERAL INFORMATION

Boltaron Performance Products is pleased to offer the newest generation of TruPrint, IR-TruBlock. This transparent infra-red blocking PVC core material has excellent impact resistance, durability and die-cutting characteristics.

This material is used in conjunction with our 2450 Super Clear PVC core material, allowing for flexibility in card design, finish color and appearance.

IR-TruBlock is available in a lighter green tinted base, allowing for flexibility in final card color when combined with various shades of 2450 Super Clear.

IR blocking range: 750nm - 1000nm

AVAILABILITY

Gauge: .0094"

Custom Sizes: Upon request

SUGGESTED APPLICATIONS

Loyalty Cards
ATM Cards
Phone Cards
Fare Cards
Credit Cards
I.D. Cards

Typical Physical Properties

Property	Test Method	Typical values
Specific gravity	ASTM D-792	1.30
Tensile strength (PSI)	ASTM D-638	6,100
Tensile modulus (PSI)	ASTM D-638	3.4×10^5
Flexural strength (PSI)	ASTM D-790	8,100
Flexural modulus (PSI)	ASTM D-790	3.0×10^5
Izod impact (Ft. lbs./in. of notch)	ASTM D-256	10-12
Hardness Rockwell R	ASTM D-785	104
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	151
Vicat Softening point (°C)	ASTM D-1525	80 ±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 2455 will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 2455, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 2455 and the application suggestions before actual application.

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