

# Boltaron 4005

Polyvinyl Chloride

Boltaron Performance Products

Message:

BOLTARON 4005 is a premium exterior grade modified homopolymer PVC that is formulated for a variety of uses where low cost homopolymer is preferred. Field-proven in such primary applications as exterior signage, nursery tags and labels, BOLTARON 4005 is U.V. stable, with a matte finish. It is also suitable for offset lithographic and silk screen printing with conventional and U.V. cure inks.

Both BOLTARON 4005 and BOLTARON 2056 can be die-cut, hot stamped, and easily processed under a variety of standard fabricating techniques.

Gauge - .010" -.0265"

Colors - Custom colors

Sizes - Sheets to specifications

Textures - Standard Matte #2, Smooth Matte #4

General Information			
Features	Excellent Printability		
	Good Processability		
	Good UV Resistance		
	Homopolymer		
	Recyclable Material		
Uses	Decorative Displays		
	Labels		
	Printing Ink		
	Screen Printing		
Appearance	Colors Available		
	Matte Finish		
Forms	Sheet		
Processing Method	Die Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	38.1	MPa	ASTM D638
Flexural Modulus	22100	MPa	ASTM D790
Flexural Strength (Yield)	59.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	530 to 800	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	63.9	°C	ASTM D648

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