

## Technical Data Sheet EverCore *Sustain* PVC Core Stock

### General Information

Evergreen EverCore *Sustain* is a premium grade rigid vinyl core stock produced with up to 100% post-industrial content and suitable for virtually all printing applications.

EverCore *Sustain* can be used in single core or laminated core applications and is compatible with coated or uncoated overlays.

This product offers excellent flex properties, embossed character retention and color consistency making it the ideal product for virtually all card applications where long life, durability and performance are critical.

### Availability

Gauges .004" - .033"  
White and custom colors  
Sheets and rolls produced to spec

### Suggested Applications

Bank Cards / Credit Cards  
Debit Cards  
Contact / Contactless Smart Cards  
ID Tags  
Labels

### Typical Physical Properties

Property	Test Method	Typical Values
Specific Gravity (g/cc)	ASTM D-792	1.43
Tensile Strength (MPa)	ASTM D-638	≥ 40
Tensile Modulus (MPa)	ASTM D-638	2,720
Flexural Strength (MPa)	ASTM D-790	60
Izod Impact (J/M of notch)	ASTM D-256	143
Hardness (Rockwell R)	ASTM D-785	105
Heat Deflection Temperature (C) 1.8 MPa (annealed)	ASTM D-648	72
Vicat Softening Temp (C)	ASTM D-1525	80
Surface Tension (dynes/cm)		≥34

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