



Custom Plastic Sheet and Roll Extrusion Since 1969

STYDEX 200

High Impact Polystyrene

STYDEX 200 is the Futorex designation for high impact polystyrene for thermoforming and die-cutting applications. It is available in a variety of surface finishes as shown below and may be custom color matched to your specific needs. It can also be provided in colors that meet FDA requirements when requested for applications where food contact is likely. Special versions of STYDEX 200 are available for applications requiring printability.

CAPABILITIES

TEXTURE	GAUGE RANGE ¹	MAX WIDTH
#1 Haircell	.050—.350"	96"
Calf	.060—.300"	96"
Levant	.055—.300"	96"
Matte	.040—.300"	68"
Polished (High Gloss)	.060—.350"	78"
Smooth	.060—.350"	78"

¹ These are our typical ranges. Other ranges may be available by request.

TYPICAL PROPERTIES

GENERAL PROPERTIES	VALUE	TEST METHOD
Tensile Modulus	300,000 psi	ASTM D-638
Tensile Strength	3,500 psi	ASTM D-638
Tensile Elongation (Break)	55%	ASTM D-638
Flexural Modulus	310,000 psi	ASTM D-790
Flexural Strength	6,300 psi	ASTM D-790
Izod Impact Strength—Notched	2.80 ft lb/in	ASTM D-256
Vicat Softening Temperature	208° F	ASTM D-1525
Deflection Temperature Annealed @ 264psi	196° F	ASTM D-648

*Additional specifications available upon request.

These data are presented only as typical properties of the base resins which, to the best of our knowledge, are true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guaranty or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise. All risks of such use are assumed by the user. Furthermore, nothing contained herein shall be construed as an inducement or recommendation to use any process or to manufacture or use any product in conflict with existing or future patents.

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