



Prime DIGI-HIPS is a formulated High Impact Polystyrene. Special consideration has been given to this material selection and processing techniques to provide an affordable media that is up to the demands of digital printing.



PRIME DIGI-HIPS

| Prime Impax DIGI-HIPS | High | Avg. |
|---------------------------------|------|------|
| Impact Strength | * | |
| Low Temperature Impact Strength | | * |
| Tensile Strength | * | |
| Flexural Modulus | * | |
| Heat Deflection Temperature | | * |

| Property | Test Method | Value | Unit |
|-----------------------|-------------|---------|----------|
| Specific Gravity | D-792 | 1.04 | g/cc |
| Melt Flow Condition G | D-1238 | 3.0 | g/10min |
| Tensile @ Yield | D-638 | 3000 | psi |
| Flexural Modulus | D-790 | 240,000 | psi |
| Elongation @ Break | D-638 | 50 | % |
| Notched Izod @ 73°F | D-256 | 2.3 | ft-lb/in |
| HDT @ 264 psi | D-648 | 185 | °F |
| Vicat Softening Point | D-1525 | 212 | °F |

Complies with UL 94 HB at thickness >.059 in.
Complies with FDA Regulation 21 CFR 177.1640

Applications:

Prime DIGI_HIPS is FDA compliant, satisfies the UL 94 HB criteria and is suitable for use in all digital printing applications such as signs, gift cards, and menu boards.

Finishing:

Prime DIGI-HIPS can be fabricated by drilling, routing, sawing, die cutting and laser cutting. We provide Prime DIGI-HIPS in sheet or roll stock and are capable of holding extremely tight tolerances by either square cutting or slitting.

Processing:

With an embossed matte surface, the use of materials with large rubber particle size, and specialized corona treatment. Prime DIGI-HIPS is positioned to provide trouble free processing on today's high speed large and small format digital process.

Colors, Textures and Capabilities

Prime DIGI-HIPS can be color matched to meet your specific requirements. It is offered in thicknesses of .010 -.125 and widths of up to 65". Texture available matte/matte only.

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