

Styropek® BF 395S

Expanded Polystyrene

Styropek S.A. de C.V.

Message:

Styropek® BF products can be used in a wide variety of applications including blocks for construction, panels, thermal and acoustical insulation, and general packaging. Additional applications include ICF's ("insulated concrete forms"), thin walled custom molding, lost foam and other general protective packaging.

Modified expandable polystyrene (EPS) / non-flammable / antifiame / auto-extinguishable that containing approximately 5.5 to 6.4 wt% pentane as blowing agent.

All products are supplied as spherical beads with a bulk density of approximately 40 lb/ft³ (640 kg/m³).

Styropek® BF products are compatible with many anti-stat, mineral oil, color additives and other additives added during processing.

Styropek® BF products do not contain chlorofluorocarbons and hydrofluorocarbons compounds.

Intended uses

Shape molding applications, high densities, thickness of wall >8 mm, with excellent fusion and surface appearance. Shape molding application for machines with vacuum system and excellent cycle time

| General Information | | |
|--------------------------------|---------------------------------|-------|
| UL YellowCard | E474710-102172942 | |
| Additive | Foaming agent (6%) 3 | |
| Features | Recyclable materials | |
| | Can foam | |
| | Self-extinguishing | |
| | Flame retardancy | |
| Uses | Packaging | |
| | Building materials | |
| | Architectural application field | |
| | Insulating material | |
| | Foam | |
| Agency Ratings | ASTM C 578 | |
| | ASTM E 84 | |
| | EC 1907/2006 (REACH) | |
| RoHS Compliance | RoHS compliance | |
| Forms | Sphere | |
| Physical | Nominal Value | Unit |
| Apparent Density | 0.64 | g/cm³ |
| Additional Information | Nominal Value | Unit |
| Bead Size (600.0 to 1180.0 µm) | > 97 | % |
| Expanded Density | 16.0 - 32.0 | kg/m³ |
| Monomer Residue | | ppm |

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