

Styropek® P 540H

Expanded Polystyrene

Styropek S.A. de C.V.

Message:

Styropek® P 40 products can be used in a wide variety of applications including protective packaging, food boxes, fish boxes, ice boxes and seedling trays.

Styropek® P 40 is an expandable polystyrene (EPS) in spherical beads which contains a min. of 4.4% and a max. of 5.8 %wt pentane as blowing agent. Do not contain chlorofluorocarbons and hydrochlorofluorocarbons compounds. Contains a maximum of 1000 ppm of residual monomer and 0.5% as maximum of total moisture.

All sizes present a bulk density of approximately 42 lb/ft³ (670 kg/m³).

Styropek® P 40 products are compatible with many anti-stat, mineral oils and colors additives added during the processing.

Intended uses

Shape molding applications of narrow wall, with excellent surface finish smooth appearance (wall thickness > 3 mm)

| General Information | | |
|------------------------|---------------------------|-------|
| Additive | Blowing agent (4 to 6%) 2 | |
| Features | Recyclable materials | |
| | Can foam | |
| Uses | Packaging | |
| | Foam | |
| | Container | |
| Agency Ratings | EC 1907/2006 (REACH) | |
| | FDA 21 CFR 177.1640 | |
| | FDA 21 CFR 178.3010 | |
| RoHS Compliance | RoHS compliance | |
| Forms | Sphere | |
| Physical | Nominal Value | Unit |
| Apparent Density | 0.67 | g/cm³ |
| Additional Information | Nominal Value | Unit |
| Bead Size | | |
| < 300.0 µm | | % |
| 300.0 to 500.0 µm | > 96 | % |
| Expanded Density | 30.0 - 80.0 | kg/m³ |
| Monomer Residue | | ppm |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

