

## TECHNICAL DATA SHEET

### Plastic Beads ChemTech PBA0306T

TDS Ref.: PBA0306T\_TDS  
Version: 24/1

Issue date: 2024-09-10

#### SPECIFIC PRODUCT DATA

|                                              |                           |
|----------------------------------------------|---------------------------|
| Appearance                                   | Loose spherical particles |
| Colour / Effect                              | Transparent / Luminous    |
| Material type                                | Polymer                   |
| Particle size, $\mu\text{m}$                 | 300 - 600                 |
| Relative density, $\text{g}/\text{cm}^3$     | 1.18 - 1.20               |
| Bulk density, $\text{g}/\text{cm}^3$         | 0.7 - 0.8                 |
| Softening temperature, $^{\circ}\text{C}$    | 93                        |
| Melting temperature, $^{\circ}\text{C}$      | 105                       |
| Shelf life after the inspection date, months | Unlimited                 |

#### COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient name                 | Identifiers        | %   |
|---------------------------------|--------------------|-----|
| Poly methyl methacrylate (PMMA) | CAS-No.: 9011-14-7 | 100 |

#### DESCRIPTION

The product consists of solid perfectly spherical beads made of cross-linked polymethyl methacrylate (PMMA) with a narrow particle size distribution.

Non-toxic. Chemically resistant in water and other solvents. Suitable for indoor and outdoor application.

The material can be used for decorative and functional purposes in various applications. Its concentration depends on an application type and desired effect. The beads can be blended and also combined with other special effect materials, as well as colourants, matting agents and fillers.

For more precise recommendations, please contact ChemTech team member.

Plastic beads should be stored in the original tightly sealed shipping packaging in dry conditions.

#### ADDITIONAL INFORMATION

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