

TECHNICAL DATA SHEET

Plastic Beads ChemTech PBA00501T

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SPECIFIC PRODUCT DATA

Appearance	Loose spherical particles
Colour / Effect	Transparent / Opaque
Material type	Polymer
Particle size, μm	50 - 100
Relative density, g/cm^3	1.18 - 1.20
Bulk density, g/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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