

TECHNICAL DATA SHEET

Plastic Beads ChemTech PBA09012T

TDS Ref.: PBA0912T_TDS
Version: 24/1

Issue date: 2024-09-10

SPECIFIC PRODUCT DATA

Appearance	Loose spherical particles
Colour / Effect	Transparent / Bold
Material type	Polymer
Particle size, μm	900 - 1200
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

The information in this TDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This TDS was prepared and is to be used only for this product. If the product is used as a component in another product, this TDS information may not be applicable.