



## MP Bead A931

### Polystyrene Aggregate Bead

聚苯乙烯填充凝粒子

#### 1.0 Description

MP Bead A931 are tough, lightweight, closed-cell polystyrene Bead having excellent shock-absorbing and heat-insulating properties. It is a durable, moisture-resistant materials with smooth surface appearance. MP Bead A931 easily fabricated into any shape for filling different size of cavity or being glued or aggregated with cement by special additive to form solid layer.

#### 2.0 Technical Data

| <u>Item</u>          | <u>Unit</u>          | <u>Values</u>                            |
|----------------------|----------------------|--|
| Cell Structure       |                      | Closed cell                              |
| Bulk Density         | kg / m <sup>3</sup>  | 18 – 45<br>(Depending on $\phi$ of Bead) |
| Shrinkage            | % (70°C)             | -0.75                                    |
| Water Absorption     | mg / cm <sup>2</sup> | 0.023                                    |
| Thermal Conductivity | Kcal / mh°C          | 0.026                                    |
| Dimension            | $\phi$               | 0.5 – 1.6mm                              |
| Colour               | White/off white      |  |

#### 3.0 Area of Application

- Aggregate Bead of Light Weight Concrete;
- Filler for Industrial Purpose

#### 4.0 Packaging

200 Ltrs/Bag

#### 5.0 Health and Safety

MP Bead A931 meet with US FDA Food Additives Analytical Manual 1993, U.S. Phase and Soluble heavy metal content regulation per ASTM F963-96.

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