



PRODUCT INFORMATION

GLASS BEADS TT-B-1325D TYPE III FOR AIRFIELD MARKING

GLASS BEADS SIZE: 300-850UM ACCORDING TO TT-B-1325D Type III

1. PRODUCT IDENTIFICATION

Type III - High Index of Refraction of reflective Glass beads are used to airfield marking paints. The Glass Beads are highly reflective 1.9 index glass beads that are 80%+ round. They are made using a unique and revolutionary manufacturing process along with the purest of raw materials. The quality and uniformity of the High Index Glass Beads ensure outstanding performance on the airport runways. Type III - high index glass beads for drop-on applications are intended for applications where increased retro-reflectivity is needed.

2. SPECIFICATIONS

Item	Standard
Chemical composition:	TiO ₂ -BaO-SiO ₂ GLASS
Appearance	Clean, transparent, dry, no obvious impurity
Specific gravity (g/cm ³)	4.00 - 4.50
Bulk weight (g/cm ³)	approx. 2.8
Refractive index	1.90-1.93
Spherical beads (%)	≥ 80
Hardness (Moh's):	6.0-8.0

3. PARTICLE SIZE DISTRIBUTION

Diameter (µm)	Standard Passing (%) by weight
1180	100
850	95 - 100
600	55 - 75
425	15 - 35
300	0 - 5

4. PACKING

Type III glass beads are available in net 25kgs fiber drum with plastic liner.

5. STORAGE

Dry, sheltered, and keep bags and containers well closed.

6. SOURCE OF INFORMATION

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