

R455NF

Material	Expandable Polystyrene
Appearance	Translucent solid beads
Packing	25 kgs, HDPE woven sack bag with multi layer Liner
Applications	Self extinguishing insulations, Packing of electronic goods etc.

Typical Properties*

Property	Test Method	Unit	Value
Bead Size Range	ASTM D 1921	mm	0.6 - 1.0
Blowing agent	Internal Method – WIS/011	%	5 - 7
Recommended Density	Internal Method – WIS/011	g/l	18
Residual Monomer	ASTM D 45262 - 12	ppm	1000 - 2500

* The above test results are obtained from our Quality test. This does not relieve purchaser from testing the product upon receipt, to confirm the suitability for the intended process and use. The design and characteristics of the product manufactured out of our material, are beyond our control and expertise, therefore, we shall not own the responsibility for any consequential damage incurred by the Purchaser.

Handling & Storage conditions

- Should be stored in dry & well ventilated environment at temp < 25 °C, away from heat / hot surface to avoid pre-puff formation.
- Packed material must not be exposed to direct sunlight or for long periods to in-direct sunlight and must be protected from mechanical damage.
- At higher temperatures (> 25 °C) there is a loss of blowing agent which results in higher density.
- The storage areas should be provided with ventilation ports as the blowing agent is heavier than air, will settle at the bottom.
- If the storage temperature exceeds the recommended level, processing performance will gradually deteriorate and the minimum achievable density will increase.
- Smoking and welding in the proximity is forbidden. Keep away from Fire and Sparks.