

SABIC EPS 452 Expandable Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Expanded Polystyrene (EPS)

Material Notes:

Product Description: Standard expanded Polystyrene EPS 452 is manufactured by the suspension polymerization of styrene monomer. The polymerization is generally carried out in a batch process. EPS 452 is an expandable polystyrene grade supplied in free-flowing beads, containing pentane (CFC free) as a foaming agent. It is used for fast cycle shape and block molding applications with good surface finish. **Typical Applications:** EPS 452 is a standard fast cycle grade used for shape molding with wall thickness less than 10 mm (5-10 mm) and for high density block molding. Information provided by SABIC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-EPS-452-Expandable-Polystyrene.php

Physical Properties	Metric	English	Comments
Density	0.0180 - 0.0350 g/cc	0.000650 - 0.00126 lb/in ³	Normal range, one pre-expansion
Bead Size	0.400 - 0.800 mm	0.0157 - 0.0315 in	

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