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TABRIZ PETROCHEMICAL COMPANY

EXPANDABLE POLYSTYRENE EPS HS121

HS121 , is one of the TPC Performance expandable polystyrene products range. It is a free flowing expandable polystyrene grade,consisting of spherical polystyrene beads containing pentane as the expansion agent. Expandable polystyrene (EPS) is normally expanded to achieve the low densities required for final step

Producer	Characteristic Properties	Applications
TABRIZ	HS121 is specially high strength formulated to achieve low density foam without lumps during preexpansion.This grade is not fire retardent ,so it is not suitable for bulding applications.	Low Density Block Low density foam blocks made from HS 121 are used as thermal insulation boards for construction applications without special requirements

Typical Properties

Resin Properties	Unit	T y p i c a l	Test Method
BEAD SIZE	mm	(1.8-2.5)(>90%wt)	SUNPOR 7.2.5
K-VALUE	-	55	SUNPOR 7.2.4
PENTANE CONTENT	wt%	5.2%	SUNPOR 7.2.2
EXPANDED DENSITY	KG/M3	13-15	SUNPOR 7.2.6
RESIDUAL MONOMER	PPM	500	SUNPOR 7.2.1