



SHOBEIR SHIMI  
WWW.SHOBEIRSHIMI.COM  
info@shobeirshimi.com

TABRIZ PETROCHEMICAL COMPANY

## EXPANDABLE POLYSTYRENE EPS 321HS

HS321 , 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.

Producer	Characteristic Properties	Applications
TABRIZ	HS321 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.	High Density Block,Shape Molding Protective Packaging Systems Impact-Resistant Enclosures Energy Absorption Structures

### Typical Properties

Resin Properties	Unit	Typical	Test Method
BEAD SIZE	mm	(0.7-1.0)(>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	18-30	SUNPOR 7.2.6
RESIDUAL MONOMER	PPM	500	SUNPOR 7.2.1