

BASF E-por® 0.025 g/cc Density; Styrene and Ethylene (Europe)

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

Material Notes:

Description: Expandable granules made of styrene and ethylene containing polymers without flame retardant (blowing agent: pentane).Application: For the production of elastic, multi-shock absorbing expanded foams.Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-E-por-0025-gcc-Density-Styrene-and-Ethylene-Europe.php

Physical Properties	Metric	English	Comments
Bulk Density	0.0160 - 0.0350 g/cc	0.000578 - 0.00126 lb/in³	
Density	0.0250 g/cc	0.000903 lb/in³	

Mechanical Properties	Metric	English	Comments
Tensile Stress	0.100 MPa	14.5 psi	
	0.150 MPa	21.8 psi	
	0.200 MPa	29.0 psi	
	0.300 MPa	43.5 psi	
	0.625 MPa	90.6 psi	
Flexural Strength	0.237 MPa	34.4 psi	0% E-por Content; DIN 53423
	0.247 MPa	35.8 psi	60% E-por Content; DIN 53423
	0.257 MPa	37.3 psi	100% E-por Content; DIN 53423
	0.330 MPa	47.9 psi	DIN-EN 12089
Compressive Strength	0.115 MPa	16.7 psi	DIN-EN 826
	@Strain 10.0 %	@Strain 10.0 %	
	0.145 MPa	21.0 psi	DIN-EN 826
	@Strain 25.0 %	@Strain 25.0 %	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.50 %	<= 0.50 %	

Descriptive Properties	Value	Comments
Commercial Status	Europe	

Descriptive Properties	Value	Comments
Energy Absorption	12.5 J	Hysteresis at 70% compression, v=% mm/min; ISP 3386-1
Flexural Work to Break	0.227	0% E-por Content; DIN 53423
	0.247	60% E-por Content; DIN 53423
	0.25	100% E-por Content; DIN 53423
	6.3 J	DIN-EN 12098

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China