



**THE DOW CHEMICAL COMPANY
SALES SPECIFICATION**

Date Printed: 2013-02-21

Effective Date: 2012-12-21

Supersedes Date: 2012-05-30

Name: STYROFOAM™ SP-T Extruded Polystyrene Foam

Specification Number: 000000113630

Previous Specified Material: 00159248

Additional Product Information:

Description Note

Board faces: with skin

Edge treatment: Butt Edge

Application: industrial insulation applications where a high compressive strength is required.

Trade product code: 113630

Fire Classification Note

The national fire performance test standards and regulations may differ from country to country. This product must meet the fire performance class of its country of sales mentioned in the sales specification. By default, if no local regulation applies, European fire classification only will be considered.

Customers are kindly asked to contact the responsible DOW Sales Office to obtain more details.

Final Testing Requirements

Test and Test Condition	Limit	Unit	Method	Note
Thickness Tolerance, for thicknesses <50mm	-2 — 2	mm	EN 823	
Thickness Tolerance, for thicknesses >=50mm and <=120mm	-2 — 3	mm	EN 823	
Width Tolerance, for widths <700mm	0 — 3	mm	EN 822	
Length Tolerance	0 — 10	mm	EN 822	
Squareness, ends	5 Max	mm/m	EN 824	

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Final Testing Requirements

Test and Test Condition	Limit	Unit	Method	Note
Flatness, in width and length, for lengths <1000mm	7 Max	mm	EN 825	
Flatness, in width and length, for lengths >=1000mm and <=2000mm	14 Max	mm	EN 825	
Flatness, in width and length, for lengths >2000mm and <=4000mm	21 Max	mm	EN 825	
Compressive Strength, vertical	350 Min	kPa	EN 826	
Compressive Modulus, vertical	10 — 22	MPa	EN 826	
Long Term Load, 50 Y, <2% Deformation	110 Aim	kPa	EN 1606	
Thermal Conductivity, at 10degC Mean Temperature, 90 Days	27.0 Max	mW/m.K	EN 12667/EN 12939	
Density, typical	Report	kg/m3	EN 1602	1
Water Absorption, by immersion	0.5 Max	%	EN 12087	
Fire Performance, Reaction to Fire, Euroclass E	Pass		EN 13501-1	

Final Testing Requirements Notes:

- 1 Density, typical Note
Density, typical = 35 kg/m3.

General Notes

- 1 **CAUTION!** This material contains a halogenated flame retardant system to inhibit accidental ignition from small fire sources. During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources.

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Name: STYROFOAM™ SP-T Extruded Polystyrene Foam
Specification Number: 00000113630
Effective Date: 2012-12-21

General Notes

2 Storage Notes

- This product can be stored OUTSIDE.
- Protect from direct sunlight if prolonged outside storage.

3 Standard Dimensions

- Width: 600 mm
- Length: 2500 mm
- Thicknesses: 50, 60, 75, 80 and 100 mm

READ PRECAUTIONARY INFORMATION AND MATERIAL SAFETY SHEETS. THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.