



THE DOW CHEMICAL COMPANY
SALES SPECIFICATION

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Date Printed: 11-Oct-2012

SPECIFIED MATERIAL: 00156926-S

Effective: 29 MAY 2012

Supersedes: 12 SEP 2011

NAME: STYROFOAM(TM) SM-TG-T Extruded Polystyrene Foam

MATERIAL DESCRIPTION:

Color: blue
Odor: odorless
Appearance/Physical State: board

Description Note:

Board faces: with skin
Edge treatment: Tongue and Groove on all four sides
Application: insulation material in visible applications
Trade product code: New

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Fire Classification Note for - -T Foam;
The national fire performance test standards and regulations may differ
from country to country.

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

GOVERNMENT/INDUSTRY STANDARDS:

NONE

TEST REQUIREMENTS

TEST ITEM AND CONDITION	LIMIT	UNIT	METHOD	N
Thickness Tolerance, for thicknesses <50mm	-2 Min 2 Max	mm	EN 823	
Thickness Tolerance, for thicknesses >=50mm and <=120mm	-2 Min 3 Max	mm	EN 823	
Width Tolerance	-3 Min 3 Max	mm	EN 822	
Length Tolerance	-6 Min 6 Max	mm	EN 822	
Squareness, ends	5 Max	mm/m	EN 824	
Flatness, in width and length	4 Max	mm/m	EN 825	
Compressive Strength, vertical	250 Min	kPa	EN 826	

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TEST REQUIREMENTS (CONTINUED)

TEST ITEM AND CONDITION	LIMIT	UNIT	METHOD	N
Thermal Conductivity, at 10degC mean temperature; 90 days	27.0 Max	mW/m.K	EN 12667/EN 12939	
Dimensional Stability, (under spec. temperature and humidity), DS(TH)	Pass		EN 1604	
Density	32 Aim	kg/m ³	EN 1602	
Water Vapor Diffusion, MU-Value	200 Min	m	EN 12086	
Water Absorption, by immersion	0.7 Max	%	EN 12087	
Fire Performance, B1 Rating	Pass		TS 11989	

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.
2. This product can be stored OUTSIDE. Protect from direct sunlight if prolonged outside storage. Do not use dark colored protective coverings.
3. Standard width is 600 mm and standard length is 2500 mm.
4. Standard thicknesses are: 25, 30, 40, 50, 60, 75, 80 and 100 mm.
5. TM: TRADEMARK OF THE DOW CHEMICAL COMPANY
6. Test method identified by EN norm may be replaced by equivalent ISO norm on basis of interrelation. See introduction in relevant ISO norm.

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

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