

Date of edition: 16/10/2009  
Edition no.: 1  
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Previous editions and revisions of this document have lost their validity

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## CHARACTERISTICS

Owipian<sup>®</sup> FS is an expandable polystyrene in the form of beads. The product contains pentane as an expanding agent and hexabromocyclododecane (up to 0.5%) which reduces flammability of the foam. Available are four types of Owipian<sup>®</sup> FS of different granulometric composition:

Type	Type 0308	Type 0513	Type 0816	Type 1325
Beads diameter mm	0.4 ÷ 0.7	0.7 ÷ 1.0	1.0 ÷ 1.6	1.6 ÷ 2.4

## GENERAL REQUIREMENTS

Presence of any mechanical impurities in the beads is not permitted. The product is a white plastic.

## TECHNICAL PARAMETERS

Parameters	Units	Type 0308	Type 0513	Type 0816	Type 1325	Test methods
<sup>2)</sup> Bulk density of expanded beads, according to the test	g/dm <sup>3</sup>	max 19	max 16	max 15	max 15	<sup>1)</sup> PN-90/C-89298
Basic fraction content, according to the control sieves with mesh size of	% mm	min 95 0.315 ÷ 0.8	min 95 0.5 ÷ 1.25	min 95 0.8 ÷ 1.6	min 95 1.25 ÷ 2.5	Internal
Humidity content	%	max 0.7	max 0.7	max 0.7	max 1.0	met. K. Fischera PN-81/C-04959 p. 2.6.2
Reaction to fire	Class	meets the standard requirements for E class				PN-EN 13 501

<sup>1)</sup> PN – Polish Standard

<sup>2)</sup>The laboratory tests of expanded beads bulk density are made according to Polish Standard PN-90/C-89298 using the following expansion times:

- 0308 and 0513: 12 min.,
- 0816: 10 min.,
- 1325: 6 min.,

Guaranteed values of technical parameters of the product are each time agreed upon in the sales contract.

To each shipping lot/delivery a quality certificate including data on properties of the product determined during release control is issued. Scope of the testing which is covered by the quality certificate is each time agreed upon in the sales contract.

## PACKAGING

Owipian<sup>®</sup> FS is packed into cardboard boxes (11G - octabins) with foil bags inside or tightly closed UTA 2.14 (ca. 1.2 t), UTA 1.1 (ca. 0.6 t), 11B/2 containers.

Each packaging bears the following information: name and address of manufacturer, product name and type, net mass, lot number and other labelling (as may be required by regulations in force).

## TRANSPORT

Packaging and transportation are subject to regulations for hazardous goods transportation (ADR, RID). UN number: UN 2211.