

# Neopor® F 5300 Plus

Expanded Polystyrene

BASF Corporation

## Message:

### Application

Neopor® is used to manufacture silver-gray colored foams that have considerably better thermal insulation capacity than conventional EPS products.

For the production of expanded foams having fire characteristics in conformity with:

DIN 4102-B1 (flame retardant)

EN ISO 13501-1-E

### Product description

Expandable polystyrene (EPS) containing uniformly distributed flame-retardant. Blowing agent: pentane.

Additional information pertaining to the fire behavior can be found in the technical information sheet titled "Fire -protec tion behavior of foams made of Styropor®".

Neopor® F 5300 Plus : For blocks and shapes with wall thicknesses over 8mm. Thermal conductivity improved.

General Information		
UL YellowCard	E41871-101746622	
Additive	Blowing Agent 3	
	Flame Retardant	
Features	Flame Retardant	
Uses	Foam	
	Insulation	
Agency Ratings	DIN 4102/B1	
	EC 1907/2006 (REACH)	
RoHS Compliance	RoHS Compliant	
Appearance	Grey	
Forms	Granules	
Physical	Nominal Value	Unit
Apparent Density		
-- <sup>1</sup>	0.02	g/cm <sup>3</sup>
--	0.02 to 0.03	g/cm <sup>3</sup>
Moisture Content	< 0.50	%
Sieve Analysis		
< 800.0 µm	< 2.0	%
0.800 to 1.50 mm	> 95	%
> 1.50 mm	< 3.0	%
Aging - intermediate	0.4 to 2.0	day
Bead Size	0.900 to 1.40	mm
NOTE		

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| 1. | Obtainable in a single pre-foaming operation |
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