

Neopor® 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.

Product description

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

Neopor 5300 Plus foam insulation is flame retarding and complies with DIN 4102-B1. Additional information pertaining to the fire behavior can be found in the technical information sheet titled "Fire-protection behavior of foams made of Styropor®".

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

General Information		
Additive	Blowing Agent 2	
	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		
-- ¹	0.02	g/cm ³
--	0.02 to 0.03	g/cm ³
Moisture Content	< 0.50	%
Sieve Analysis		
< 800.0 µm	< 2.0	%
0.800 to 1.40 mm	> 95	%
> 1.40 mm	< 3.0	%
Aging - intermediate	0.4 to 2.0	day
Bead Size	0.900 to 1.30	mm
NOTE		
1.	Obtainable in a single pre-foaming operation	

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