

Neopor® F 4 speed

Expanded Polystyrene

BASF Corporation

Message:

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 foames having the fire characteristics in conformity with:

DIN 4102-B1 (flame retardant)

EN 13501-1-E

For additional information pertaining to the fire behavior please contact the local BASF representative.

Product description

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

Neopor® F 4 speed: For the production of blocks and shaps with wall thickness over 6 mm at densities ~25 kg/m³ with low water up-take and short cylce time.

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	Spheres	
Physical	Nominal Value	Unit
Apparent Density		
-- ¹	0.02	g/cm ³
--	0.02 to 0.03	g/cm ³
Moisture Content	< 3.5	%
Sieve Analysis		
< 400.0 µm	< 2.0	%
400.0 to 1000.0 µm	> 96	%
> 1.00 mm	< 2.0	%
Aging - intermediate	0.4 to 2.0	day
Bead Size	500.0 to 800.0	µm
NOTE		

1.

Obtainable in a single pre-foaming operation

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