



SPINDALITE

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 Diatomite: Spindalite L3, Spindalite N, Spindalite R, Spindalite AM3, Spindalite XX, Spindalite AM, Spindalite TT

→ TECHNICAL DESCRIPTION

In continuous dosing filtration, filter aids are used for delaying the clogging of the filtering layer, forming a porous structure which remains stable throughout the entire filtration period; filter aids deeply blend with particles building turbid matter and make the cake incompressible. Spindalite references are Diatomite, also known as Diatomaceous earth or Kiesselguhr. They are made of silica skeletons of prehistoric crops. This skeletons are mined and calcined to eliminate any microorganism. Later the material is milled and separated into various filter aids grades through air filtration.

→ COMPOSITION AND TECHNICAL CHARACTERISTICS

Product	Filtration Speed
Pinks	
Spindalite L 3	50
Spindalite N	80
Spindalite R	200
White	
Spindalite AM 3	500
Spindalite XX	550
Spindalite AM	800
Spindalite TT	1100

Filtration speed of Spindalite indicated in the table is expressed in L/m²/mn under pressure of 0,500 kg in cm² according with our internal analytical method.

Product	Permeability
Pinks	
Spindalite L 3	0,03-0,05
Spindalite N	0,05-0,09
Spindalite R	0,09-0,20
White	
Spindalite AM 3	0,95-1,20
Spindalite XX	0,90-1,50
Spindalite AM	2,60-3,80
Spindalite TT	8,00-12,00

The permeability expressed in Darcy is reverse of the resistance in a flowing of a fluid for a given surface.





SPINDALITE

	TT	AM	XX	AM3	R	N	L3
Diatomite	Activated Calined				Calined		
Colour	White				Pink		
Density (g/cm ³)	<0,34	<0,35	<0,43	<0,38	<0,38	<0,36	<0,36
Average granulometric distribution (% in weight)							
> 50 microns	64,5	28,0	24,0	20,5	5,5	2,5	2,0
50-30	11,0	11,0	17,5	15,0	4,0	4,0	3,5
30-20	8,0	11,5	9,5	10,5	5,0	4,5	3,5
20-10	11,0	31,0	20,5	22,5	15,5	12,5	13,5
10-5	3,0	10,5	18,0	20,0	20,5	20,0	19,0
5-3	-	-	6,5	8,0	21,5	20,0	19,0
<5	2,5	8,0	-	-	-	-	-
<3	-	-	4,0	4,0	28,0	36,5	42,5

→ DOSAGE

To define depending on the type of filtration (from 100 g to 300 g).

→ STORAGE AND PACKAGING

Store in a cool dry place, away from direct sunlight and heat.

Spindalite L3: 20 kg net bags.

Spindalite N: 20 kg net bags.

Spindalite R: 20 kg net bags.

Spindalite AM3: 25 kg net bags.

Spindalite XX: 25 kg net bags.

Spindalite AM: 25 kg net bags

Spindalite TT: 25 kg net bags

