

# Diaperl

## FILTER AID

Conforms with the International Oenological Codex. Not derived from genetically modified organisms.  
Allergen free.

Perlites are amorphous minerals of volcanic origin. Industrial production has envisaged that this material undergoes heat treatment at 900 - 1000°C. This kind of working process causes the material to change considerably, expanding to more than 20 times its original volume; furthermore, both water and the organic material present are eliminated.

After the heat process, the perlites are ground and selected for screening.

The high degree of the raw material's purity used and the absence of any organic residue excludes any transfer of abnormal aromas to the filtered product.

## Potential fields of application

Diaperl is used in precoat and vacuum filtering to make panels.

Satisfactory results have been obtained in wine, beer, oil, juice and beverage filtering, through choosing the most appropriate Diaperl, according to the cloudiness to separate and the flow required.

## Composizione

Perlite.

## Dosage and instructions for use

During filtration, disperse Diaperl into the product being filtered – the quantity may vary from 50 to 120 g/hl depending on the product to be treated.

Excellent results are obtained by combining Diaperl with the Drenopor and Drenopor CF precoats.

## Storage

Store in a cool, dry place.

Once the package has been opened, it must be carefully re-closed and stored in a cool, dry place.

This product could absorb unwanted odours if stored in an unsuitable location.

## Confezioni

Diaperl /M: code 111400 - 25kg bags

Diaperl /V: code 111590 - 22kg bags

Diaperl /VV: code 111800 - 20kg bag

## ANALYTICAL DATA

	DIAPERL M	DIAPERL V	DIAPERL VV
Permeability in Darcy	00.09.00	01.05.00	02.03.00
Specific weight when humid (g/l)	180	150	150
Colour	White	White	White
Humidity	1,00%	1,00%	1,00%
Silica (SiO <sub>2</sub> )	72.0%	72.0%	72.0%
Alumina (Al <sub>2</sub> O <sub>3</sub> )	14.0%	14.0%	14.0%
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.7%	0.7%	0.7%
Na <sub>2</sub> O	4.0%	4.0%	4.0%
K <sub>2</sub> O	8.8%	8.8%	8.8%
Calcium oxide (CaO)	0.3%	0.3%	0.3%
Magnesium oxide (MgO)	0.1%	0.1%	0.1%



### Perdomini-IOC S.p.A.