

## Berol<sup>®</sup> dewatering aids

Optimize your filtration process performance

### Dewatering aids

The application of our filtration agents can significantly reduce moisture and increase performance.

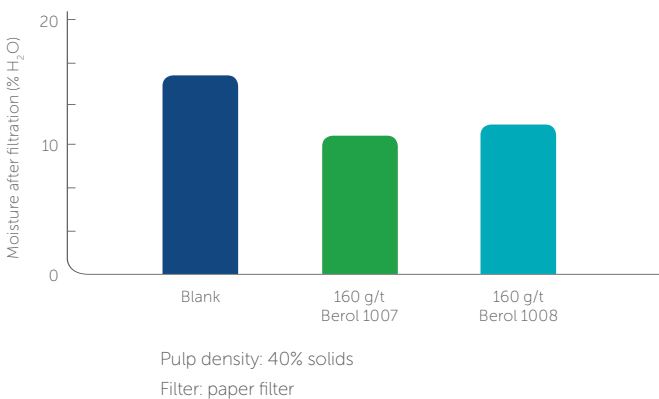
Berol dewatering aids help release residual moisture entrapped in the capillaries of the cake in the filtration process of mineral slurries, decreasing energy use and production time.

### Benefits

- Increase production rate/capacity of filtration
- Decrease water content in cake
- Reduce drying energy
- Enhanced filtration rate for fine fractions

### Moisture reduction

In a test comparing processes using filtration reagents to those not using reagents, Berol dewatering aids delivered a 20% greater drop in concentrate moisture.



### Performance

Berol dewatering aids have been used to decrease moisture in dry concentrate across multiple ore types such as phosphate, iron, calcite, potash, manganese, and copper.

Benefits have been observed for most filter types, including vacuum, pressurized, plate, drum, disc, centrifuge, and belt filters.

The table below shows the percentage at which water content was reduced for a selection of ore types.

Filtration aid	Phosphate, %	Iron, %	Calcite, %
Berol 1007	6.2	2.3	1.6
Berol 1008	6.2	2.2	4.3



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# Nouryon

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