

Oral Solid Dose

# SuperTab<sup>®</sup> 21AN

Controlled, efficient processing



SuperTab<sup>®</sup> and Lactopress<sup>®</sup> are DFE Pharma's brand names for direct compression lactose. **SuperTab<sup>®</sup> 21AN** is a highly consistent, anhydrous lactose. The characteristic structure contains clusters of microcrystals of predominantly anhydrous  $\beta$ -lactose. Due to being an anhydrous lactose it has a low moisture content. This property makes SuperTab<sup>®</sup> 21AN a popular choice in formulating with moisture sensitive API's. The unique, low levels of crystalline water makes the use of SuperTab<sup>®</sup> 21AN with PAT technologies efficient.

**ASK AN EXPERT**  
[dfepharma.com/productfinder](http://dfepharma.com/productfinder)

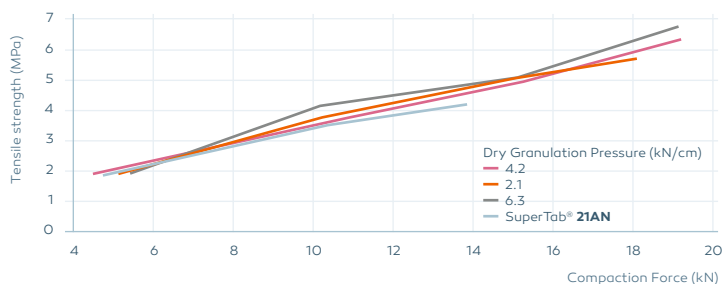


# SuperTab® 21AN

## Benefits

### Allows excellent compaction and re-compaction

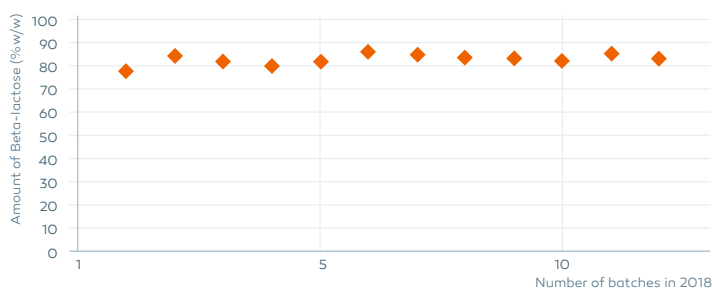
Tablet crushing strength remains high after recompaction. Therefore SuperTab® 21AN is the preferred choice for dry granulation processes.



### Suitable for moisture sensitive API

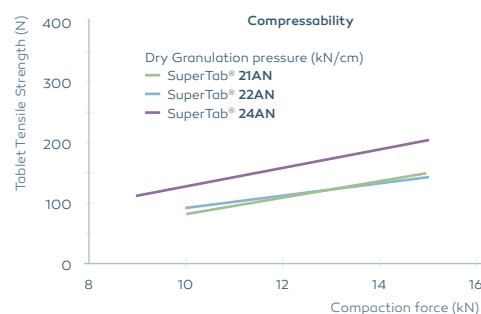
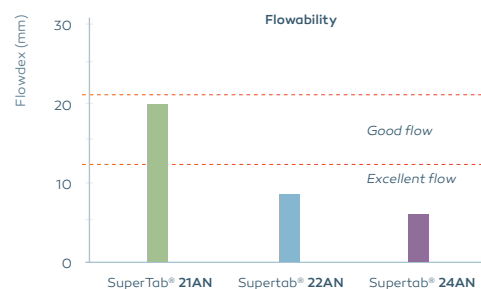
Exceptional low crystalline water amount

The unique, low levels of crystalline water makes the use of SuperTab® 21AN with PAT technologies efficient. Typically SuperTab® 21AN contains about 80% of the  $\beta$ -isomer



### Part of a portfolio offering enhanced functionality

DFE Pharma offers more anhydrous grades with different particle sizes and morphology to enable a best fit with your formulation requirements.



## Facts

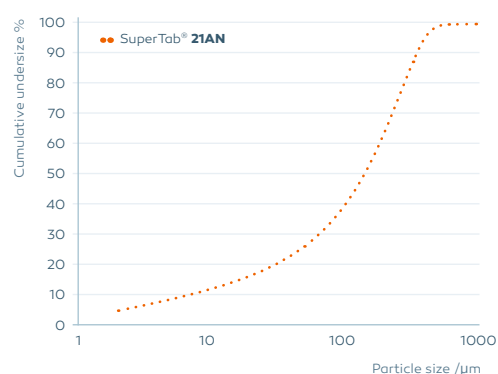
### Typical product data

Complies with Ph. Eur., USP-NF, JP  
Kosher & Halal certified

#### Particle size distribution

Method: by Airjet sieve

Sieve %w/w < 45 $\mu$ m	$\leq 20$	Poured density	0.72 g/ml
Sieve %w/w < 150 $\mu$ m	40 - 65	Tapped density	0.91 g/ml
Sieve %w/w < 250 $\mu$ m	$\geq 80$	Karl Fischer (moisture)	< 0.5% w/w



### Packaging

	Bag	Drum
Capacity	25 kg	50 kg
Shelf life	2 years	2 years