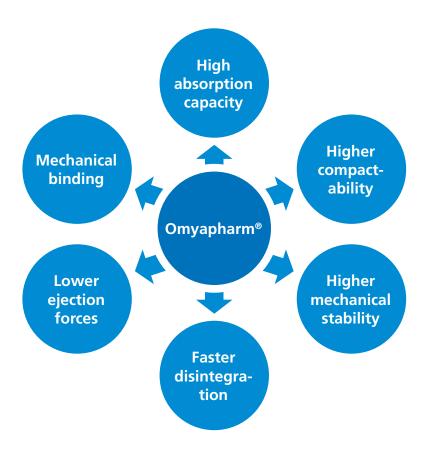




# Omyapharm® 500 - OG

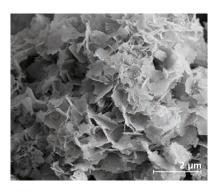
### A multifunctional mineral excipient



#### **Features**

- · Lamellar structure
- · Brittle material, plastic behaviour
- $\cdot$  Mineral composition
- · Monographed components
- · High porosity

## **Carrier**



Omyapharm® 500 - OG is a porous compressible carrier composed of calcium carbonate and tribasic calcium phosphate, which can be loaded by impregnation with up to 40% crystalline actives and 55% oils, converting oils into compressible powders.

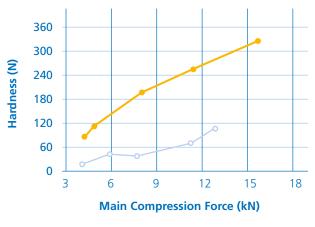
Image: unloaded Omyapharm® carrier

Ingredients	Milled lactose monohydrate		DC dicalcium phosphate anhydrous	Tricalcium phosphate	Omyapharm <sup>®</sup>
Oil absorbed (gr/100 gr total weight)	93	111	115	117	150

These values are given for guidance only. Paraffin oil absorption measured by Brabender absortometer.

## **Direct Compression**

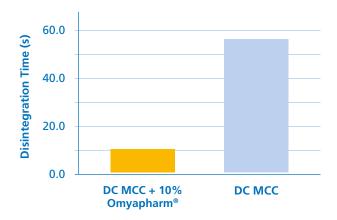
#### Compactability 10 mg piroxicam tablets



**──** Omyapharm® **──** DC MCC

10% Omyapharm® significantly improves the compaction properties of commercially available DC MCC.

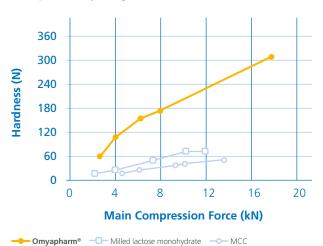
#### Disintegration 10 mg piroxicam tablets



10% Omyapharm® significantly decreases disintegration time of formulations with DC MCC.

## **Dry Granulation**

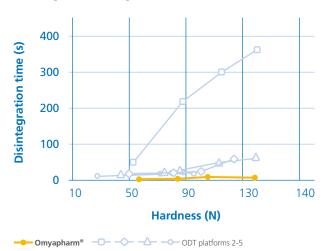
#### Compactability 1 mg caffeine tablets



Omyapharm® is an excellent filler-binder for dry granulation processes, compactability is significantly better than for other excipients.

### **ODTs**

#### Disintegration 20 mg caffeine tablets



Omyapharm® formulation can provide disintegration time below 10 seconds independent of tablet hardness.

Product	d50%	Loose bulk density	Oil absorption
	(μm)	(g/ml)	(g/100g)
Omyapharm® 500-OG	6.6	0.13	150

These values are for guidance only. D(50) measured by Malvern MS 2000 and Surface area measured by BET method according to ISO 9277.



THIS PAPER CONTAINS OMYA PIGMENTS