

# MCC SANAQ<sup>®</sup> burst

The multifunctional MCC

## Binder-Filler-Disintegrant

for tablets, pellets and capsules

- 100% Microcrystalline Cellulose
- direct compression
- rapid disintegration
- good tablet hardness
- reduction of excipients
- fast disintegrating pellets
- ODT formulations

[www.pharmatrans-sanaq.com](http://www.pharmatrans-sanaq.com)



Item	Specification	
Description	Microcrystalline Cellulose is purified, partially depolymerized cellulose prepared by treating alpha cellulose, obtained as a pulp from fibrous plant material, with minerals acids.	
Appearance	White to almost white, fine or granular powder	
Odour	odourless	
Solubility	Practical insoluble in water, absolute ethanol, acetone and toluene	
Iodinated zink chloride solution (Ident. A)	Blue violet is produced	
Degree of Polymerizat0n (Ident. B)	Max. 350 DP units	
<b>Particle Size</b>	<b>MCC SANAQ burst ≥ 300µm / max. 15 %</b>	<b>MCC SANAQ burst 100 max. is &gt; 100µm</b>
Bulk density g/cm <sup>3</sup>	0.50 – 0.70 g/ml	0.40 -0.60 g/ml
pH value	5.0 – 7.5	5.0 – 7.5
Conductivity	≤ 600 µS/cm	≤ 600 µS/cm
Loss on drying	≤ 7.0 %	≤ 7.0 %
Sulphates Ash / Residue on ignition	≤ 0.1 %	≤ 0.1 %
Water soluble substances	≤ 0.6 %	≤ 0.6 %
Ether soluble substances	≤ 0.05 %	≤ 0.05 %
Heavy metals	≤ 10 ppm	≤ 10 ppm
<b>Microbiological Parameters</b>		
Total aerobic count	n.m.t. 1000 CFU/g	
Moulds and yeasts	n.m.t. 100 CFU/g	
E. coli, Pseudomonas aeruginosa	absent	
St. Aureus, Salmonella species	absent	

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