

Solvents and chromatography

102330 Cellulose microcrystalline for thin-layer chromatography Avicel®

Formula Hill	(C ₆ H ₁₀ O ₅) _n	
Chemical formula		
Molar mass		
Density	~ 1.5 g/cm ³ (20 °C)	
pH value	5.0 (100 g/l 20 °C) (slurry)	
Form	solid	
Color	off-white	
Odeur	odourless	
Melting point		
Boiling point		
Vapor pressure	Solubility in water	(20 °C) almost insoluble
Explosion limits	Solubility in ethanol	
Flash point	Solubility in chloroform	
Thermal decomposition	> 150 °C	Water absorbtion
Heat of evaporation	Saturation conc. (air)	
Evaporation number	Dielectric constant	
Ignition temperature	> 400 °C	Dipole moment
Bulk density	~ 200 - 400 kg/m ³	Viscosity dynamical
Refractive index	Viscosity kinematical	