

# TECHNICAL DATA SHEET

## MELFLOCK® C1

Description:	MELFLOCK® C1 is a dicyandiamide condensate with a high cationic charge.	
Specification:	Content	29 - 32 %
	pH	3.0 – 5.0 (undiluted)
Properties:	Appearance	slightly opaque liquid
	Density	ca. 1.11 g/cm <sup>3</sup> (at 20 °C)
	Viscosity	ca. 10 mPa.s (Brookfield HAT, spindle 1,20 rpm, 20 °C)
	Charge	cationic
	Solubility in water	freely miscible
Packaging:	1000 kg one-way container, tank truck (where applicable)	
Storage Conditions:	Container made of plastic e.g. reinforced fiberglass or polyethylene are suitable for storage.	
Stability:	At temperatures between +5 °C and +30 °C at least 1 year (undiluted product).	

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Application fields: Anionic trash: Fixing of anionic particles and dispersed binder/filler as micro flocks to the fibre; catching of hydrophobic uncharged byproducts by formed neutral micro flocks.

Wire conditioning: Reduction of pitch particles on plastic wires;  
Cost savings by reduced wire and felt cleaning.

Registration: MELFLOCK® C1 corresponds to the 36<sup>th</sup> recommendation of the German Federal Institute for Risk Assessment (BfR).

Certificates: <https://www.alzchem.com/en/quality-environment>  
SDS: <https://www.alzchem.com/en/product-finder>

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