TECHNICAL DATA SHEET

MELFLOCK® C3

Description:	MELFLOCK® C3 is a dicyandiamide condensate with a high cationic charge.	
Specification:	Content	48 - 52 %
	pH	3.0 – 5.0 (undiluted)
Properties:	Appearance	slightly opaque liquid
	Density	ca. 1.19 g/cm^3 (at 20 °C)
	Viscosity	30 - 100 mPa.s (Brookfield HAT, spindle 1.20 rpm, 20 °C)
	Charge	cationic
	Solubility in water	freely miscible
Packaging:	1200 kg one-way container, tank truck (where applicable)	
Storage Conditions:	Container made of plastic e.g. reinforced fibreglass or polyethylene are suitable for storage.	
Stability:	At temperatures between + 5 °C and + 30 °C: 6 months (undiluted product). Protect from freezing.	

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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. Significant reduction of COD load. Wire conditioning: Reduction of pitch particles on plastic wires; cost savings by reduced wire and felt cleaning. Cationization of fillers: Improvement of the filler retention by support of other cationic substances and generation of a cationic pitch absorber. Fixation of dyestuffs: Fixation of anionic dyestuffs.
Registration:	MELFLOCK® C3 corresponds to the 36th 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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