

# TECHNICAL DATA SHEET

## MELFLOCK® 113 S

Description:	MELFLOCK® 113 S is a cationic chloride free dicyandiamide condensate	
Specification:	Content	48 - 52 %
	pH	3.0 – 5.0 (undiluted)
Properties:	Appearance	colorless liquid
	Density	ca. 1.23 - 1.25 g/cm <sup>3</sup> (at 20 °C)
	Viscosity	5 - 50 mPa.s (Brookfield, 20 °C)
	Freezing point	< - 15 °C
	Solubility in water	freely miscible
Packaging:	1200 kg one-way container, tank truck (where applicable)	
Storage Conditions:	Containers made of polyethylene are suitable for storage	
Stability:	At temperatures between +5 °C and +30 °C at least 1 year storable (undiluted product).	

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Application fields:	<p>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.</p> <p>Wire conditioning: Reduction of pitch particles on plastic wires; Cost savings by reduced wire and felt cleaning.</p> <p>Cationization of fillers: Improvement of the filler retention by support of other cationic substances and generation of a cationic pitch absorber.</p> <p>Fixation of dyestuffs: Fixation of anionic dyestuffs.</p>
Registration:	MELFLOCK® 113 S corresponds to the 36 <sup>th</sup> recommendation of the German Federal Institute for Risk Assessment (BfR).
Certificates:	<a href="https://www.alzchem.com/en/quality-environment">https://www.alzchem.com/en/quality-environment</a>
SDS:	<a href="https://www.alzchem.com/en/product-finder">https://www.alzchem.com/en/product-finder</a>

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**Edition: 01/2022 (This data sheet supersedes all previous data sheets for this product)**