

Decolorizing Flocculant

GRADE ZJ-DC

DECOLORANT

HS 3824.99

Cationic decolourising agent for dyeing, pigment and paper effluent, with colour removal above 95% and simultaneous COD reduction.

PRODUCT DESCRIPTION

A dicyandiamide-formaldehyde condensation resin blended with inorganic salts and synergists. It captures the chromophore groups of reactive, acid and direct dyes as well as lignin, producing a compact sludge that dewateres well.

KEY FEATURES

- Colour removal above 95%, with COD and turbidity reduced in the same step
- Effective on reactive, acid and disperse dyes
- Wide working pH range, no heavy acid or alkali adjustment
- Low sludge yield and good compatibility with PAC and PAM

TYPICAL PROPERTIES

Appearance	Colourless to pale yellow liquid
Solid content	≥ 40%
pH (as supplied)	2.0-4.0
Colour removal	≥ 95%
Recommended dosage	50-300 ppm

APPLICATIONS

Dyeing and finishing effluent, dye and pigment production wastewater, paper black liquor and middle stage water, landfill leachate polishing.

PACKAGING

200 L drum (250 kg net); 1000 L IBC; 20 MT per 20 ft container for drums

STORAGE & SHELF LIFE

Powder 24 months, liquid 12 months in unopened original packing. Store below 35 °C, dry, away from sunlight.