



Chemistry Analysis of DZ988N Copper Extraction Reagent

Item	DZ988N
Appearance	Brown oil liquid
Density (25°C)	0.91-0.93
Flash temperature	≥62°C (PMCC)
Solubility of copper-carried organic (25°C)	≥30 g/L Cu
Copper saturation capacity 10% (V/V)	5.1-5.4 g/L Cu
Extraction kinetics	≥95% (30s)
Extraction isothermal point (Organic)	≥4.4 g/L Cu
Extraction isothermal point (Aqueous)	≤1.6 g/L Cu
Phase separating time of extraction	≤70s
Strip kinetics	≥95% (30s)
Strip isothermal point (Organic)	≤1.7 g/L Cu
Strip isothermal point (Aqueous)	≥32.7 g/L Cu
Strip Phase separating	≤80s
Copper Net Transfer	2.7 g/L Cu
Cu/Fe selectivity	≥2000

For and on behalf of
Zhengzhou Deyuan Fine Chemicals Co., Ltd
郑州市德源精细化学品有限公司
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Author's Signature(s)