



Performance Parameter of DZ5640 Copper Solvent Extraction Reagent

Item	DZ5640
Appearance	Amber oil liquid
Density (25°C)	0.95-0.97
Flash temperature	≥62°C (PMCC)
Solubility of copper-carried organic (25°C)	≥30 g/L Cu
Copper saturation capacity 10% (V/V)	5.6-6.2 g/L Cu
Extraction kinetics	≥95% (30s)
Extraction isothermal point (Organic)	≥4.7 g/L Cu
Extraction isothermal point (Aqueous)	≤1.3 g/L Cu
Phase separating time of extraction	≤60s
Strip kinetics	≥95% (15s)
Strip isothermal point (Organic)	≤2.3 g/L Cu
Strip isothermal point (Aqueous)	≥32.4 g/L Cu
Strip Phase separating	≤60s
Copper Net Transfer	2.4 g/L Cu
Cu/Fe selectivity	≥2500

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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