CYTEC

PRODUCT DATA SHEET | Metal Extractants

# ACORGA® M5910 solvent extraction reagent

## Product Specification

ACORGA solvent extraction reagent for the metal recovery industry.

## Physical Data

| | |
|---|---|
| Appearance | Clear amber-colored liquid, free from visible impurities. |
| Specific gravity, 25°C | 0.96-0.98 |
| Viscosity, cP at 25°C | Not more than 400 |
| Flash point, °C | Typically > 110 (PMCC) |

## Performance Data

| | |
|---|---|
| Copper uptake, g/l per v/o | 0.55-0.59 |
| Extract kinetics, approach to equilibrium at 25°C, % | |
| 60 sec | Not less than 90% |
| Strip kinetics, approach to equilibrium at 25°C, % | |
| 15 sec | Not less than 95% |
| Copper extraction isotherm point at 25°C, g/l | |
| Organic | Not less than 4.2 |
| Aqueous | Not more than 1.7 |
| Copper strip isotherm point at 25°C, g/l | |
| Organic | Not more than 2.0 |
| Aqueous | Not less than 33.0 |
| Copper/Iron selectivity | Not less than 2000 |
| Phase disengagement, sec | |
| Extract | Not more than 60 |
| Strip | Not more than 60 |
| Complex solubility at 0°C, at 24 hours | No precipitation |

**Note:** Before handling this material, read the appropriate Cytec Material Safety Data Sheet (MSDS #15532) for more detailed information on physical properties, safety, and health and environmental data.

## Shipping

ACORGA M5910 solvent extraction reagent is shipped in drums, totes or bulk containers. For information on bulk delivery, contact your Cytec Sales Representative or local sales office.

## Technical Service

Contact your nearest Cytec sales office for assistance in choosing the optimum metal extraction reagent for your particular circuit conditions. Once the optimum reagent has been selected, Cytec sales personnel are available to assist your operation in achieving the highest reagent performance. In addition to a wide range of metal extraction reagents, Cytec Industries Inc. offers a complete line of products for use in metallurgical applications: thickener and washer flocculants, defoamers, iron removal agents, filtering aids, collectors, depressants, deposit control agents, cathode smoothing agents, bauxite handling aids, hydrate flocculants and humate removal agents.

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