

BID LIST NO. 0755

SPECIFICATION

Property No. 070327

Solvent, Heat Set

General Requirements

Shall be a narrow cut petroleum distillate solvent boiling between 460 to 520°F (237.78 to 271.11°C) which is free from any lower boiling volatile fractions and high boiling oily residues.

Chemically, the solvent shall be a 100% saturated hydrocarbon compound containing neither aromatics nor olefins.

Performance Tests:

| | |
|----------------------------------|---|
| Specific Gravity (ASTM D-12998): | . 8008 |
| Refractive Index 20°C: | 1.4437 |
| Flash Point °F (ASTM D-93): | 220 ^{OF} (104°C) |
| Aniline Point °F (ASTM D-10121): | 182.8 |
| KB Number (ASTM-1133): | 25.9 |
| Color: | white |
| Odor: | No obnoxious odor, any odor to be minimal |
| Boiling range (ASTM D-86): | |
| Initial Boiling Point | 460°F (237.78°C) |
| Range 90% distilled | 475-520°F (246.11-271.11°C) |

This solvent is to be used in conventional heatset and room temperature set (no heat) web inks and shall contain no contaminants or adulterants that are injurious to this end use of the solvent, viz corrosive or toxic materials.

Packaging

Containers shall be 55-gallon nonreturnable drums with bung and vent in one head. The Contractor shall mark each drum with the gross, tare, and net weights.

Sample Requirement

A one-quart sample of the product that the bidder proposes to furnish shall be supplied.

Qualified Products List

Magie Brothers Oil Company - "Magie Sol 47"

Witco Chemical Corporation - "Witsol 45"

SPECIFICATION

Property No. 118834

Solvent, Heatset, Odorless

General Requirements

This solvent is to be usable in heatset and non-heatset lithographic inks. It shall contain no a\contaminants or adulterants that are injurious to this end use such as corrosive materials. Chemically the solvent shall be a 100% saturated hydrocarbon blend containing with negligible concentrations of aromatics or olefins.

Specific Requirements

Specific gravity @ 15^o (ASTM D-1298).....0.811

Refractive index @ 20^o.....1.448

Flash point, min (ASTM D-93).....127^o (260^oF)

Aniline point (ASTM D-1012).....89.5^o (193^oF)

KB Number (ASTM D-1133).....23.8

Color..... Water white

Odor.....,odorless

Boiling range (ASTM D-86):

Initial boiling point.....264^o (508