



TECHNICAL DATA SHEET DCM 122 -WS 50

(Dorsa Chemie Medium Oil Alkyd Resin)




DESCRIPTION:

DCM 121 -WS 50 is a medium oil alkyd resin based on soya bean oil fatty acid with very good hardness, excellent gloss and gloss retention, excellent surface and deep drying and good adhesion.

PROPERTIES:

Excellent brush ability without sagging through film drying, Fast drying, good color retention, high gloss and gloss retention, very good film flexibility, hardness and interior and exterior durability. Excellent pigment wetting and dispersing.

SUGGESTED USES:

-  Industrial paints and coatings .
-  Anti corrosion primers
-  Metallic and semi metallic paints

FORM OF SUPPLY:

% 50 solution in White Spirit.

SPECIFICATION:

Solid content	50 ± 1 %	ASTM D-1259
Type of Oil	Soya Fatty Acid	
Oil content	% 46	
Acid value	max 10 (mg KOH /g)	ASTM D-1639
Viscosity (25° C)Stock	250 –550	ASTM D-1545
Color (Gardner)	max 3	ASTM D-1544
Density (at 23°C)g/cm³	0.9362	ASTM D-1475

DILUTABILITY:

Aliphatic	White Spirit	dilutable
Aromatic	Xylene	dilutable
	Toluene	dilutable
Esters	Butyl Acetate	dilutable
Ketons	Acetone	dilutable
	MEK	dilutable
Alcohols	Buthanol	Limited



COMPATIBILITY :

Long oil alkyd resin	Compatible
Amino Resin	Incompatible
Medium oil alkyds	Compatible
Short oil alkyds	Incompatible
Aliphatic polyisocyanate	Incompatible
Hydroxyl acrylic resin	Incompatible

STORAGE & TRANSPORTATION : This product must be stored and transported in its original sealed steel drums in a cold and dry place away from fire, heat sources and sunlight at a temperature between 5-40 ° C. under these conditions , shelf-life will be max 12 months.

PACKAGING : 190 Kgs. steel drums.

Remarks : Solid content, viscosity and other parameters, are customizable based on customer requirements.

DORSA CHEMIE CO. (PAINT & RESINS)
www.dorsachemie.com