



## TECHNICAL DATA SHEET DCM 126 -WX 50

(Dorsa Chemie Medium Oil Alkyd Resin)

### DESCRIPTION:

DCM 121 -WX 55 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 .
- + Automotive repair paints.
- + All spray paints

### FORM OF SUPPLY:

% 50 solution in White Spirit & Xylene.

### SPECIFICATION:

<b>Solid content</b>	<b>50 ± 1 %</b>	<b>ASTM D-1259</b>
<b>Type of Oil</b>	Soya Fatty Acid	
<b>Oil content</b>	% 48	
<b>Acid value</b>	max 10 (mg KOH /g)	ASTM D-1639
<b>Viscosity (25° C )Stock</b>	60 –160	ASTM D-1545
<b>Color (Gardner)</b>	max 2	ASTM D-1544
<b>Density (at 23°C)g/cm<sup>3</sup></b>	0.9432	ASTM D-1475

### DILUTABILITY:

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



## **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](http://www.dorsachemie.com)**