



TECHNICAL DATA SHEET DCS143 – X60

(Dorsa Chemie Short Oil Alkyd Resin)

DESCRIPTION:

DCS143 – X60 is a Short-Oil, Fast air-drying Alkyd Resin based on Soya bean oil fatty acid.

PROPERTIES:

Excellent hardness, Excellent gloss and gloss retention, good weather resistance, excellent adhesion to metal and wood, good Elasticity and plasticizing properties. very good pigment wetting and dispersing. Very good surface and deep drying

SUGGESTED USES:

- ▶ Industrial paints and coating.
- ▶ Lacquers, stoving enamels and paints
- ▶ Nitrocellulose enamels and paints.

FORM OF SUPPLY:

% 60 solution in Xylene

SPECIFICATION:

Solid content	: 60 ± 1 %	ASTM D-1259
Type of Oil	: soya bean oil	
Oil content	: % 32	
Type of Polyol	: mixed of Polyols	
Acid value	: max 10 (mg KOH /g)	ASTM D-1639
Viscosity (25° C) Stock	: 550 – 650	ASTM D-1545
Color (Gardner)	: max 3	ASTM D-1544

DILUTABILITY:

Aliphatic	white sprit	limited
Aromatic	Xylene	dilutable
	Toluene	dilutable
Esters	Butyl Acetate	dilutable
	Ethyl Acetate	dilutable
Ketons	Acetone	dilutable
	MEK	dilutable
Alcohols	Buthanol	limited
	Ethanol	limited



COMPATIBILITY:

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

STORAGE: This product must be stored in a cool and dry place below 35 °C and away from direct sun light.

PACKAGING: In 200 Kgs. Net steel drums.

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