

Product Data Sheet

K-FLEX[®] 148 Polyester Diol



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K-FLEX 148 is a lower viscosity version of K-FLEX 188 designed for formulating higher solids content with good hardness and increased flexibility. It is recommended as a modifier for melamine or isocyanate crosslinked coatings, inks, sealants and adhesives for better flexibility, higher gloss, and improved flow out.

APPLICATIONS: Office Furniture Coatings
Appliance & Metal Deco
Automotive Primers
Overprint Varnishes
General Industrials
Coil Coatings

ADVANTAGES: 100% Active
Low VOC
Higher Application Solids
Good Flow/Leveling
Improved Flexibility
Lower Viscosity

TYPICAL PROPERTIES:	Appearance	Clear, Light Straw Liquid
	% Active	100
	Viscosity, cPs, 25° C	3,750
	Hydroxyl number	235
	Hydroxyl equiv. Weight	238
	Weight per gallon, 25°C	9.4 lb.
	Gardner color	1

SOLUBILITY: Soluble in alcohols, esters, ketones, xylene, Aromatic 100 and Aromatic 150.
Partially soluble in mineral spirits. Insoluble in water.

**TYPICAL USAGE
LEVELS:** Typically 5 -10% on total resin solids (TRS) for melamine baking systems or 5 -
25% on TRS for 2-component urethanes.

SHELF LIFE: 24 months from the date of manufacture when stored at room temperature in the
original container.

**HANDLING &
STORAGE:** K-FLEX 148 should be stored in a cool dry location at temperatures of 15 - 35°C.
For additional information, refer to Material Safety Data Sheet.

REGULATORY: Please refer to Section 15 of the Material Safety Data Sheet for information.

File:K-FLEX 148

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Supersedes: 2/22/02

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