

## K-FLEX<sup>®</sup> A307 Polyester Polyol Preliminary Data Sheet



K-FLEX A307 is a low viscosity, 100% solids linear, saturated, aliphatic polyester diol with primary hydroxyl groups. This product was designed as a flexibility modifier for acrylic/isocyanate and acrylic/melamine systems. The low hydroxyl number minimizes the crosslinker demand.

APPLICATIONS:	Automotive OEM Automotive refinish Aerospace Industrial maintenance Plastic coatings	
ADVANTAGES:	Improved flexibility Good balance of surface dry/pot life in 2K PU Low isocyanate demand Light color Abrasion resistance No acid functionality	
TYPICAL PROPERTIES:	Appearance % Nonvolatile, 1 Hr @ 110° C Viscosity, cPs, 25° C Hydroxyl number Hydroxyl equiv. Weight Acid number Weight per gallon, 25°C Gardner color	Clear, viscous liquid 97 5,400 140 400 0.1 9.25 1
SOLUBILITY:	Soluble in alcohols, esters, ketones, xylene, Aromatic 100 and Aromatic 150. Partially soluble in mineral spirits. Insoluble in water.	
TYPICAL USAGE LEVELS:	5-25% replacement of primary backbone resin.	
SHELF LIFE:	Minimum of 24 months from date of manufacture, when stored in the original container at ambient conditions.	
HANDLING & STORAGE:	Store in a cool, dry location. Please consult Material Safety Data Sheet for further information.	
REGULATORY:	Please refer to Section 15 of the Material Safety Data Sheet for information.	
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