

# DMPA<sup>®</sup> Polyol HA-0135LV2

## Product Data

DMPA<sup>®</sup> Polyol HA-0135LV2

TECHNICAL DATA SHEET

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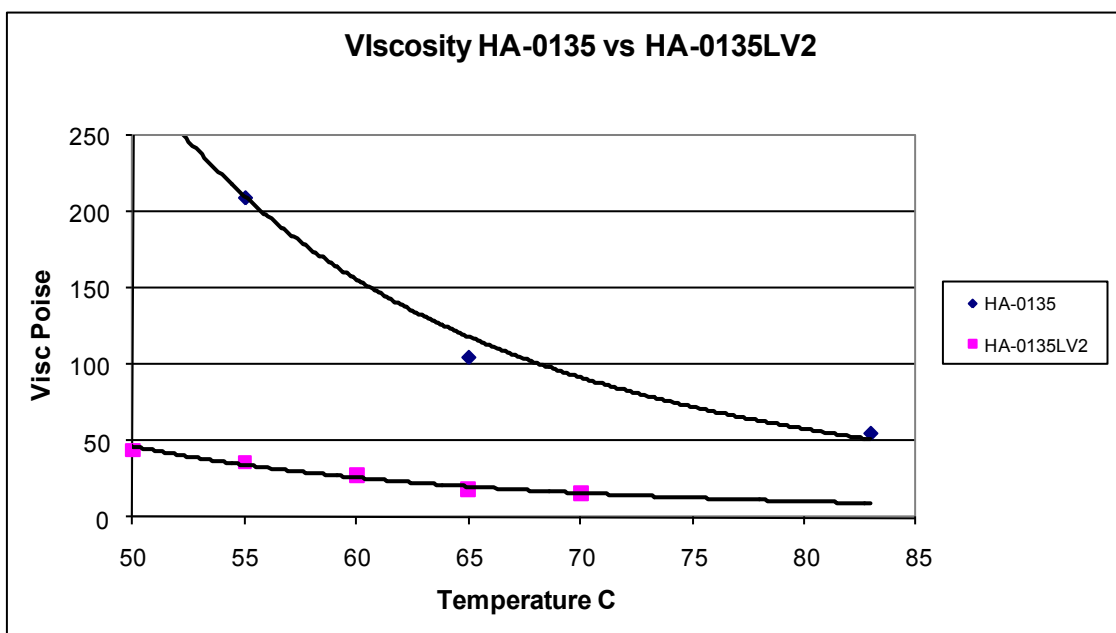
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DMPA<sup>®</sup> Polyol HA-0135LV2 is a low crystalline polyester polyol with both acid and hydroxyl functionality.

Like DMPA<sup>®</sup> Polyol HA-0135, this resin is designed to eliminate the need for NMP as a processing solvent in the manufacturing of polyurethane dispersions.

Technical Data	Properties
Hydroxyl Value, mgKOH / g	<b>330 - 345</b>
Acid Value, mg KOH / g	<b>80 - 95</b>
Acid Eqv. Wt., g / eqv.	<b>590 - 700</b>
Hydroxyl Eqv. Wt., g / eqv.	<b>162 - 170</b>
Colour, APHA	<b>&lt; 250 max</b>
Density @ 25°C, grams / litre	<b>1170 - 1200</b>
Moisture, %	<b>&lt; 0.5</b>
Viscosity @ 25°C, poise	<b>172</b>



**Increased Hydroxyl Concentration**  
Increased coating hardness & chemical resistance

**Low Crystallinity**  
Allows for ease of handling at lower temperatures

## Handling & Storage

DMPA® Polyol HA-0135LV2 is very hygroscopic. Container should be sealed at all times unless discharging. Due to the reactive nature of the material, containers should be tightly sealed and stored at 0-30°C. If preheating is required for discharging, DMPA® HA-0135LV2 should be heated to a maximum temperature of 50°C for no longer than 48 hours. If the material is exposed to >50°C for extended periods of time, undesirable side reactions may occur that could cause variations in the properties of the prepared formulations. The shelf life of the material is six months after receipt if stored in a sealed container at 0-30°C.

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