

PRODUCT INFORMATION

INTRODUCTION

GP[®] CL-7003 phenolic resin from Georgia-Pacific Chemicals is a thermoplastic novolac. It is used as a crosslinking resin for epoxy and polyester resins. Its low phenol content, convenient softening point, and melt viscosity are conducive for use in powder coatings.

STORAGE AND HANDLING

It is recommended that GP CL-7003 resin be stored in closed containers in cool, dry, well-ventilated areas. Sunlight and precipitation should be avoided.

The proper personal protective equipment should be worn whenever GP CL-7003 resin is used or handled. For safety and health information, please refer to the Safety Data Sheet available from Georgia-Pacific Chemicals.

TYPICAL PROPERTIES

Form	Pale yellow flake
Viscosity ¹ @ 140°C, Pa.s	2.5 approximately
Softening Point ² , °C	106 – 110
Free Phenol. %	0.2 maximum
Glass Transition Temperature ³ (Tg) °C	55
OH Equivalent	104 - 108
Shelf Life	1 year

1. Sample heated 3°/min at a shear rate of 10 Hz
2. Mettler Softening Point, 2°C/min
3. DSC, inflection point, heated 2°C/min

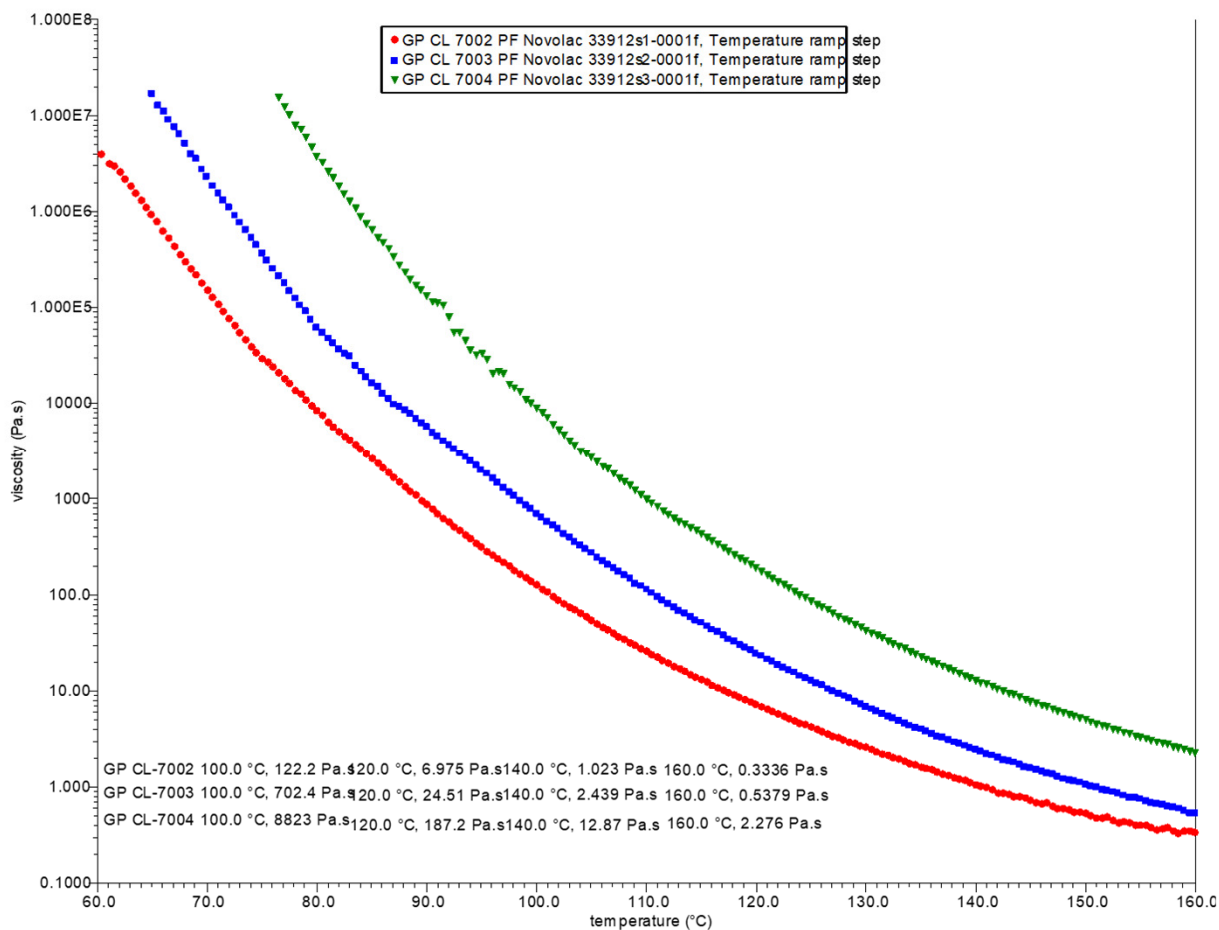
See Melt Viscosity Graph on page 2

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Viscosity vs. Temperature at 10 Hz



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