

LORAMA INC.

Technical Data Sheet

LPR76™ Polysaccharide Resin

Revision Date: December 15, 2011

ONLY THESE FOUR (4) SPECIFICATIONS ARE GUARANTEED BY LORAMA ON THE CERTIFICATE OF ANALYSIS

BROOKFIELD VISCOSITY ¹	1250 cps ± 400 cps
SOLIDS ²	44.0% ± 3.0% (by weight)
pH (neat)	5.8 - 9.5
SPECIFIC GRAVITY	1.19 ± 0.05

TYPICAL PROPERTIES - The following Properties are **NOT** to be considered specifications.

APPEARANCE	Semi-Viscous Liquid
VOLATILES	56.0% H ₂ O (by weight) 66.6% H ₂ O (by volume)
MINIMUM FILM FORMATION ³	1.0°C
FLASH POINT	> 100°C
FREEZE/THAW STABILITY	Minimum 5 cycles (minus 18°C to plus 25°C)
STORAGE ⁴	Store above 15°C to ensure a useful shelf life of at least 12 months

- 1 Brookfield LV Model Viscometer, spindle #2, 12 RPM @ 30 seconds, 25°C
- 2 15 minutes @ 140°C ± 3°C
- 3 Will film-form at low temperatures. Only evaporation of water is required.
- 4 LPR76™ may freeze and will become more viscous at lower temperatures. If frozen, simply allow the resin to warm slowly until completely thawed. Stirring may be required.

* LPR76™ Polysaccharide Resin is Zero-VOC

DISCLAIMER

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made. In every case, we urge and recommend purchasers, before using any product in full-scale production, to make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions. The products discussed herein are sold without any warranty as to merchantability or fitness for a particular purpose or any other warranty, expressed or implied. No representative of ours has any authority to waive or change the foregoing. Nothing contained herein shall be construed to imply the non-existence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

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