

LORAMA INC.

Technical Data Sheet

Subject

LPR94 Polysaccharide Resin

Revision # 3

Revision Date: December 5, 2006

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

BROOKFIELD VISCOSITY ¹	15 second ± 5 second
SOLIDS ²	36 - 42%
pH (neat)	Minimum 5.8
SPECIFIC GRAVITY	1.17 ± 0.05

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

APPEARANCE	Greenish yellow to amber, translucent colloidal suspension in water
VOLATILES	59.0% H ₂ O (by weight) 69.0% H ₂ O (by volume)
MINIMUM FILM FORMATION ³	1.0°C
FLASH POINT	> 100°C
STORAGE ⁴	Keep between 10°C to 40°C to ensure a useful shelf life of at least 9 months

- 1 #2 Zahn cup, 25°C
- 2 15 minutes @ 140°C
- 3 Will film-form at low temperatures. Only evaporation of water is required.
- 4 LPR94 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. If settling occurs, simply stir until homogeneous.

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guaranty of their accuracy is made. In every case, we urge and recommend purchasers, before using any product in full-scale production, 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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