



ULPL TECHNICAL SPECIFICATIONS

ULTRA LOW PROTEIN NATURAL RUBBER LATEX (ULPL NR)/ULTRA
LOWPROTEIN FSC 100 % NATURAL RUBBER LATEX (ULPL FSC 100 %
NR) TECHNICAL DATA SHEET

SECTION I: STANDARDS

PROPERTIES	TEST METHOD	LIMITS	UNITS
Total colid content (TSC)	ISO 124	–	–
Dry rubber content (DRC)	ISO 126	Min 60.0	% w/w
Non rubber solids content (NRS)	—	Max. 1.7	% w/w
Number of volatile fatty acids*	ISO 506	Max. 0.06	–
KOH Index	ISO 127	Max. 0.7	–
pH	ISO 976	Min. 10	–
Total alkalinity as ammonia (NH ₃)	ISO 125	Max. 0.29 (LATZ) / Min. 0.60 (HA)	% w/w
Mechanical stability (MST)*	ISO 35	Min 650	s
Viscosity	ISO 1652	–	cP
Coagulum content	ISO 706	Max 0.03	% w/w
Color (visual inspection)	–	White. Not gray or blue coloration	–
Odor (Boric acid neutralization)	–	Non putrefactive odor.	–
Antigenic Protein (ELISA)	ASTM D6499-18	Max. 10	µg/dm ²
Total Extractable Protein	ASTM D5712-15	Max. 200	µg/dm ²

* Limit could change depending on client necessities and/or process variables.

SECTION II: PACKAGING

Bulk, in a 20 000 kg pipe or tank car.

- Flexitank, containing 21 500 kg (in a 20' dry container).
- Plastic drum, containing 205 kg



SECTION III: PRECAUTIONS

Avoid any risk following the guidelines in the product SDS.

SECTION IV: STORAGE

- a. Keep containers closed to avoid possible coagulation.
- b. Avoid heat.
- c. Avoid direct contact with sunlight and oxidation catalysts.
- d. Temperatures below 5°C may cause damage by destabilization or freezing. Rubber should be stowed in such way as to avoid the risk of crushing.