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GIVUL LAN 1109E

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PB/R3/161216/ GIVUL LAN 1109E

GIVUL LAN 1109E is a ready-to-use low ammonia & low modulus pre-vulcanised natural rubber latex. It has been specially developed for the production of dipped articles that require low levels of extractable nitrosamines and nitrosatables, so as to comply with FDA, EN 71-12 and BfR XXI regulations and specifications. It can be used in a variety of dipping applications, castings, adhesive binding, etc.. Films obtained from this latex have high clarity and low modulus properties.

1. TYPICAL PROPERTIES

Total Solid Content (%)	-	60.50
Alkalinity (%)	-	0.35
MST @ 55% TSC (sec.)	-	1200
B/F Viscosity, 2/60 at 26±2 °C (cps)	-	70
pH	-	10.60
Total Volatile Nitrosamines (ppb) *	-	Undetectable
Total Nitrosatables (ppb) *	-	200

* Determined according to according to EN 71-12 test methods;
typical values obtained are undetectable Total Volatile Nitrosamines

2. TYPICAL DIPPED FILM PROPERTIES OF **GIVUL LAN 1109E**

(FILM THICKNESS 0.15 – 0.18mm TESTED IN ACCORDANCE WITH ASTM TEST METHODS)

UNAGED (ASTMD412:1992)

Modulus at 700% Elongation (MPa)	9.0
Tensile Strength (MPa)	28.0
Elongation at Break (%)	950

AGED (7 days at 70°C)–(ASTMD573:1988)

Modulus at 700% Elongation (MPa)	7.0
Tensile Strength (MPa)	30.0
Elongation at Break (%)	1000

The above information is given in good faith and without liability.

3. APPLICATION

GIVUL LAN 1109E is designed for manufacture of balloons which require easy inflation and softness. It can also be used for other dipped products which require low nitrosamines and nitrosatable content.

4. PACKING

GIVUL LAN 1109E is packed in non-returnable, internal-lined metal drums of net weight 205kg or delivered in larger bulk quantities using appropriate tanks.

5. STORAGE

It is recommended that this product be stored in a sheltered premise, away from direct exposure to sunlight or subjected to temperatures above 35°C, but also not in extremely cold or freezing conditions. Some creaming of the product may occur over a long storage period, and if this has happened, stirring or gentle agitation is required to re-disperse the cream into the bulk of the latex before use.

A properly stored product should have a best used period up to 6 months. Longer storage than this period is however not recommended.

6. TECHNICAL SERVICE AND INFORMATION

The GETAHINDUS TECHNICAL TEAM comprises of qualified and experienced personnel. All R & D works are carefully thought of and meticulously planned when developing new products and materials to suit customers' requirements. All technical information and samples for evaluation are readily available. For any enquiry, please contact our Sales & Marketing Department.

7. HEALTH HAZARD AND SAFETY

GIVUL LAN 1109E is an ammoniated latex compound containing vulcanizing ingredients. It should not be ingested or consumed. No adverse physiological reactions have been observed when handling the product correctly and using it in the way suggested.

Avoid direct contact with the skin and eyes. If latex is accidentally splashed onto the eyes, wash with plenty of running water and consult a medical doctor immediately, if symptom of eyes discomfort persists.