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GIVUL LP2

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V07/R3/S0126

GIVUL LP2 is a medium modulus pre-vulcanised natural rubber latex preserved with ammonia. It can be used in many variety of dipping applications, casting, binding, etc. with good ageing properties.

GIVUL LP2 is specially developed with **low extractable protein (EP)**. Its unleached dry film has only about 30% (of it's original) EP content compared to normal unleached dry film in the market. It is recommended to have 1 min. wet-gel leach at 55 – 60°C and 1 min. post-cure leach at room temperature with good running water.

1. TYPICAL PROPERTIES

Total Solid Content (%)	-	60.5 ± 0.5
Alkalinity (%)	-	0.60 min.
MST @ 55% TSC (sec.)	-	900 min.
B/F Viscosity, 2/30 at 26±2 °C (cps)	-	120 max.
pH	-	10.50 ± 0.5

2. TYPICAL DIPPED FILM PROPERTIES OF **GIVUL LP2**

(TYPICAL EXAMINATION GLOVES FILM WITH THICKNESS 0.12 – 0.15mm TESTED IN ACCORDANCE WITH ASTM)

UNAGED (ASTMD412:1992)

Modulus at 700% Elongation (MPa)	11.0 – 14.0
Tensile Strength (MPa)	25.0 – 29.0
Elongation at Break (%)	800 - 950

AGED (22LP2s at 100°C)–(ASTMD573:1988)

Modulus at 700% Elongation (MPa)	8.0 min.
Tensile Strength (MPa)	19.0 min.
Elongation at Break (%)	800 min.

3. TYPICAL DRY FILM EXTRACTABLE PROTEIN OF **GIVUL LP2**

Unleached	150 - 300 ppm.
1 min wet-gel leached and 1 min post-cure leached	below 50ppm.

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

4. APPLICATION

GIVUL LP2 is suitable for all categories of dipping especially for glove and catheter, casting, binding, etc.. It provides high clarity and medium modulus properties to dipped products. It also gives excellent casting and good binding characteristic to other products.

5. PACKING

GIVUL LP2 is packed in non-returnable metal drums of net weight 205kg or delivered in bulk tank.

6. STORAGE

It is recommended to store this product under shade without exposure to direct sunlight at temperature below 35°C but not in freezing conditions. This will prevent the product from creaming and if this happens, stirring is required to re-disperse the cream.

A properly stored product should have a shelf life of 6–12 months. Longer storage than this period is not recommended.

The EP will increase gradually during storage. It is recommended that usage should be within 3 months from the production date. Thereafter, longer than 1 min. post leaching is necessary to achieve EP below 50ppm in the finished products.

7. 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.

8. HEALTH HAZARD AND SAFETY

GIVUL LP2 is an ammoniated latex compound containing vulcanizing ingredients. It is not to be 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.

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