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GIVUL HMR 10

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PB/R8/161216/ GIVUL HMR 10

GIVUL HMR 10 is a ready-to-use high modulus pre-vulcanised natural rubber latex preserved with ammonia that is suitable for condom dipping and coating applications. It gives films of high clarity and modulus as well as good retention of physical properties after ageing at high temperature.

1. TYPICAL PROPERTIES

Total Solid Content (%)	-	60.5
Alkalinity (%)	-	0.65
MST @ 55% TSC (sec.)	-	900
Coagulum Content (ppm)	-	20
B/F Viscosity, 2/60 at 26±2 °C (cps)	-	75
pH	-	10.50

2. TYPICAL DIPPED FILM PROPERTIES OF **GIVUL HMR 10**

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

UNAGED (ASTMD412:1992)

Modulus at 700% Elongation (MPa)	15.5
Tensile Strength (MPa)	27.0
Elongation at Break (%)	800

AGED (22hrs at 100°C)–(ASTMD573:1988)

Modulus at 700% Elongation (MPa)	10.0
Tensile Strength (MPa)	31.0
Elongation at Break (%)	900

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

3. APPLICATION

GIVUL HMR 10 is suitable for use in the production of regular condom with thickness of 65µm - 75µm. It can also be used for other dipping and casting applications.

4. PACKING

GIVUL HMR 10 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 HMR 10 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