



# GETAHINDUS (M) SDN BHD (49583-A)

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## **GIVUL MR**

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PB/R5/161216/GIVUL MR

**GIVUL MR** 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.

**GIVUL MR** is particularly suitable for manufacturing gloves, catheters and balloons. It renders high clarity and medium modulus properties to dipped products. It also gives excellent casting and good binding characteristic to other products.

### **1. TYPICAL PROPERTIES**

Total Solid Content (%)	-	60.5
Alkalinity (%)	-	0.62
MST @ 55% TSC (sec.)	-	1000
Coagulum Content (ppm)	-	20
B/F Viscosity, 2/60 at 26±2 °C (cps)	-	70
pH	-	10.50

### **2. TYPICAL DIPPED FILM PROPERTIES OF **GIVUL MR****

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

#### **UNAGED (ASTMD412:1992)**

Modulus at 700% Elongation (MPa)	13.0
Tensile Strength (MPa)	26.0
Elongation at Break (%)	850

#### **AGED (22hrs at 100°C)–(ASTMD573:1988)**

Modulus at 700% Elongation (MPa)	8.5
Tensile Strength (MPa)	28.0
Elongation at Break (%)	950

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

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### 3. **APPLICATION**

**GIVUL MR** is suitable for all categories of dipping especially for gloves, catheters and balloons, casting, binding, etc..

### 4. **PACKING**

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

### 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 MR** 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