



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

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## **GIVUL MRS**

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V13/R4/S0126

**GIVUL MRS** is a high ammonia preserved medium modulus pre-vulcanised natural rubber latex.

**GIVUL MRS** is specially designed with excellent resistance to sterilization. It is particularly suitable for the manufacture of surgical gloves, industrial gloves and other dipped medical products. Surgical gloves made with this product would be able to stand many cycles of sterilization as they have very good ageing resistance. It provides high clarity and medium modulus properties to dipped products.

### **1. TYPICAL PROPERTIES**

Total Solid Content (%)	-	60.5 ± 0.5
Alkalinity (%)	-	0.6 min.
MST @ 55% TSC (sec.)	-	900 min.
B/F Viscosity, 2/60 at 26±2 °C (cps)	-	120 max.
pH	-	10.50 ± 0.5

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

(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)	26.0 – 31.0
Elongation at Break (%)	800 - 1050

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

Modulus at 700% Elongation (MPa)	9.0 min.
Tensile Strength (MPa)	26.0 min.
Elongation at Break (%)	800 min.

### **3. APPLICATION**

**GIVUL MRS** is suitable for all categories of dipping especially for surgical gloves where sterilization and good ageing resistance are required.

### **4. PACKING**

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

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

**5. 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.

**6. TECHNICAL SERVICE AND INFORMATION**

A 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 MRS** 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.

**Presented by Distributor:**

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