



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

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## GAPOLY PM 49HS

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PB/R4/161216/ GAPOLY PM 49HS

**GAPOLY PM 49HS** is a high ammonia preserved latex modified with Methyl Methacrylate. This product is prepared by graft copolymerization of poly methyl methacrylate onto polyisoprene unit in natural rubber latex. The product is used as an additive in natural rubber latex to enhance the physical properties of the finished products. Besides, it can also be used as additive for the production of adhesive and sealant.

### 1. TYPICAL PROPERTIES

Total Solid Content (%)	-	50.33
Alkalinity (%)	-	0.65
MST @ 55% TSC (sec.)	-	1800
Coagulum Content (ppm)	-	20
B/F Viscosity, 3/60 at 26±2 °C (cps)	-	50
pH	-	10.70
Specific Gravity (26 °C)	-	1.01

### 2. APPLICATION

**GAPOLY PM 49HS** is a high performance modified latex, used as additive in adhesive field to give high efficiency bonding for a variety of dissimilar materials, eg. in masking tapes, paper craft tapes, protective tapes, PVC electrical insulation tapes, etc.

**GAPOLY PM 49HS** also use as an reinforcing agent in natural rubber latex to enhance the physical properties (stiffness, tear strength, modulus, abrasion resistance, electrical resistance, etc.) of the finished products like latex thread, surgical tubing, catheters, latex foam, glove etc.

### 3. PACKING

**GAPOLY PM 49HS** is packed in non-returnable HDPE 45 gals. drum or metal drum of net weight 205kg. Also in bulk using flexi-bag, ISO tank container for export and road tankers for local.

#### **4. 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.

#### **5. 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.

#### **6. HEALTH HAZARD AND SAFETY**

**GAPOLY PM 49HS** is high ammonia Methyl Methacrylate grafted specialty latex. 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

**GAPOLY PM 49HS** complies to EU Regulation 10/2011 on plastic materials and articles Intended to come into contact with food and FDA's Code of Federal Regulations, under subchapter B, part 177 (indirect food additives: Polymer) and part 175 (Indirect food additives: Adhesives and components of coating).