

PRODUCT DATA SHEET



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PV 5396M

Issue: 11

Date: 26.02.2015

PRODUCT DESCRIPTION:

Medium modulus high ammonia-based pre-vulcanised natural rubber latex.

INTENDED USE:

General dipped rubber goods. Suitable for dipping via coagulant or heat sensitised methods.

SPECIFICATION:

Properties of Wet Compound :-

<u>PHYSICAL APPEARANCE:</u>	White coloured liquid
<u>TOTAL SOLIDS CONTENT:</u>	58.0 – 60.0 %
<u>SPECIFIC GRAVITY:</u>	0.95 – 1.0
<u>pH:</u>	10.0 – 11.0
<u>VISCOSITY:</u>	60 - 120 cps (Brookfield LVT spindle 2, 60rpm)
<u>MST:</u>	800 – 1600 secs (Klaxon @ 14000 rpm)
<u>ALKALINITY:</u>	0.6 – 0.7%
<u>FOOD CONTACT:</u>	FDA: Regulated in CFR 21, § 175.105 , 177.2600

Typical Properties of Dry Rubber :-

Samples of the dry rubber were prepared by the following method :-

Coagulant dipped using Calcium Nitrate, leached for 16 hours at 20° C and then dried for 16 hours at 70° C

<u>TENSILE STRENGTH :</u>	28 MPa
<u>ELONGATION AT BREAK :</u>	850 %
<u>TEAR STRENGTH :</u>	55 N/mm
<u>MODULUS :</u>	1.4 MPa @ 300% Elongation 3.5 MPa @ 500% Elongation 12.0 MPa @ 700% Elongation

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STORAGE AND HANDLING:

containers.
before use, being

PV 5396M should be stored in the temperature range 5–25° C, in sealed
Avoid freezing. Allow to condition to normal temperature and stir well
careful to avoid inclusion of air.

In common with all rubber based products, contamination with extremely low
concentrations of copper, manganese, brass and zinc will cause rapid ageing of the
rubber. Avoid contact with these metals, for example, from application equipment,
water supplies and dyestuffs.

with

Use in the correct batch sequence, lower numbers first. All containers are marked
batch numbers for identification.

Under the above storage recommendations, **PV 5396M** should remain in good
condition in sealed containers for up to 6 months.

HEALTH AND SAFETY:

Refer to Safety Data Sheet.