



NeoPoly™ MD-1 is a general purpose mercaptan modified polychloroprene rubber having medium rate of crystallization and medium mooney. Raw rubber stability is very good. **NeoPoly™ MD-1** is suitable for extrusion, moulding and calendaring.

PRODUCT SPECIFICATIONS

Properties	Nominal Value
Form	Irregular Shape Chips
Colour	White to Light Yellow
Mooney Viscosity (ML 1+4@ 100°C)	50 +/- 7
Specific Gravity	1.23 +/- 0.02
Modification	Mercaptan
Crystallization Rate	Medium

TEST FORMULATION & TEST RESULTS

NeoPoly™ MD-1	100
Qureacc® MBTS	0.5
MgO (Starmag® 150)	4
Stearic Acid	1
FEF N-550	50
DOP	10
Antioxidant	1.5
Zinc Oxide	5
Qureacc® ETU	0.5
Physical Properties - Cure Time 10 min @ 160°C	
Hardness	66 Shore A
Tensile Strength	16.2 MPa
Elongation at Break	320%

*Add MBTS (0.5PHR) while mastication of NeoPoly™ MD-1. This will lower and stabilize mooney viscosity of polymer and will improve sheet formation.

Advantages:

- Economical compounds with excellent physical properties.
- Faster compounding saving electricity and manpower cost.

Applications:

- Mouldings, antivibration pads, industrial rubber goods, spacer, bridge bearing pads, etc.
- Tubing, hoses (cover), electrical wires and cables, extruded sponge, etc.
- Calendared sheets, conveyor belts, coated fabrics.

Packing:

25 kgs packed in strippable bags.