

## MAXINOL PE 40

### Dispersing Polymer

### Dispersant for Mineral Dispersion / Inorganic pigment

#### PRODUCT FEATURES

M PE 40 is used as grinding aid and powerful deflocculating agent for mineral dispersion / inorganic pigments

M PE 40 is a polymeric dispersant used to increase solid loading at reduced viscosity in clay and other mineral dispersions. It is used as grinding aid, dispersing and deflocculating aid for Clays, Ceramics, Electro-ceramics, Ferrites & Refractory and inorganic pigments like Zinc oxide, yellow oxide and many more

#### SPECIFICATIONS

Appearance : Pale yellow liquid  
PH(as is) : 6 – 8  
Solid Content : 45 ± 1%  
Density@ 25<sup>o</sup> C : 1.10-1.15

#### MAJOR BENEFITS

M PE 40 confers following application benefits:

It is used to overcome troublesome rheological problems from crowding factors influenced by particle size, shape & inter-particle attraction which give rise to inter-particle friction and formation of agglomerates. Its use increases M.O.R. especially in ceramic formulations and eliminates formation of 'Pin Holes' in the furnished articles

#### VALUE ADDITION

Dispersions prepared with M PE 40 have better viscosity and viscosity stability for longer period of time than those prepared from traditional dispersant. Higher loading yields more value addition.

#### DOSAGE

The most common doses are between 0.5-1.0 % of total volume of pigment and system

#### SAFETY AND HANDLING

M PE 40 is generally safe but avoid contact with eyes and prolonged contact with eyes. Do not take internally. In case of contact with skin, wash with plenty of water. In case of contact with eyes, flush with water and get prompt medical attention. Gloves and goggles should be used while handling the product.

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**STORAGE**

M PE 40 is non-flammable, non-combustible. It should be stored under shade. The product should not be exposed to direct sunlight.

**PACKING**

M PE 40 is available in 225 Kgs Polydrum.