



Paramount Minerals and Chemicals Limited

(An ISO 9001:2008, ISO 14001:2004 & OHSAS18001:2007 Certified Company)

Dolomer KO

***Na-salt copolymer of Maleic acid/acrylic acid
Inhibits Incrustation & Scale Formation
Suitable for Laundry Detergents &
Cleaning Formulations
Water Soluble Polymeric Dispersant***

Chemical Description	Aqueous copolymer solution based on acrylic acid and maleic acid, Na-salt
Form	Clear to Yellowish liquid
Percentage solids (0.25 g, 150 deg C for 2 hours)	40%
Viscosity, mPa.s at 25 deg C	Approx 2000
Density at 25 deg C	1.30 g/cm cube approx
pH value 10% aqueous solution at 25-30 deg C.	8.0 approx
Average Molar mass, Mw (g/mol)	70,000
K-value 1% aqueous solution	60
Water Content	Approx 60%
Calcium Carbonate dispersion capacity (23 deg C, pH 11)	Approx 290 mg CaCO₃/g dry substance
Calcium Carbonate dispersion capacity (60 deg C, pH 11)	Approx 280 mg CaCO₃/g dry substance
Recommended for Use	Laundry products Water treatment Dispersing

Advantages:

- **Helps in preventing soil redeposition**
- **Boosts detergency**
- **Encrustation of builders on fabric is prevented**
- **Enhances whiteness of fabrics**
- **Calcium & Magnesium are sequestered**
- **Excellent Cleaning even in the absence of phosphate**

Storage

- **In SS 316/321 or HDPE/LDPE containers/tanks**
- **Stored containers should be tightly sealed and kept in a cool dry room**
- **Storage temperature should not exceed 60 deg C**
- **At lower temperatures of -10 deg C the product may solidify. Heating between 10 to 40 deg C will reliquify the product. Stirring may be required before using the thawed product.**
- **Heating above 60 deg C should not be carried out**