

# TECHNICAL DATA SHEET

---



*Magic of Additive...*

**MAA DURGA POLYCHEM**

*We Understands Your Needs...*

---

## MDPC-520 Ca-Zn Stabilizer

### Product Information

**MDPC 520 Ca-Zn** is manufactured from a high quality stearic acid in a tightly controlled production operation that guarantees product uniformity. The result is a pure white colour with consistent properties.

**MDPC 520 Ca-Zn** is specially design to provide Heat & Thermal stability in cheapest price to PVC Masterbatches & Compounds by adding high value and effective raw materials also provide.

- Heat & Thermal stability.
- No odour during processing and in the final product.
- Cost efficient.
- Quality controlled.

### TYPICAL PROPERTIES

DESCRIPTION	SPECIFICATION
Physical Form	Fine White Powder
Calcium Content as Ca	4.6%
Zinc Content as Zn	5.4%
Bulk Density	340 gm/l
Free Fatty Acid	0.8% max.
Moisture (105 + 1 <sup>0</sup> c , in 1 Hour)	0.6% max.
Sieve Analysis (pass thru 400 mesh)	97%

# TECHNICAL DATA SHEET

---

## RECOMMENDATIONS FOR APPLICATION

**MDPC** 520 Ca-Zn characteristics of calcium/zinc stabilised materials they are widely used in many soft and flexible PVC applications. This type of stabilising system can give products which have a high degree of clarity, good mechanical and electrical properties, excellent organoleptic properties and good outdoor weatherability. As a result, calcium/zinc stabilisers have been incorporated and established in a wide range of applications. These include auto motive, toys, footwear, yarn, healthcare products, such as blood bags and flexible foil for food packaging, bottles for potable water, as well as for potable water pipe.

## EASY HANDLING

- ❖ Eliminates bridging or caking while facilitating use in any type of packaging, bulk handling or conveying system.

## DOSAGE

- ❖ 2.5 –3.5 phr

## PACKAGING:

- ❖ **MDPC** 520 Ca-Zn is available in net content of 25 Kgs.
- ❖ Specific packaging options can be arranged as per customer's requirement.

No warranty, expressed or implied, or merchantability, fitness for a particular purpose or otherwise is made, except that the products herein discussed comply with the chemical description on the labels. Buyer assumes risks of the use, storage and handling. Hummel shall not be liable for any incidental or consequential damages arising directly or indirectly in connection with the purchase, use, storage or handling of this product. The information contained herein is, to the best of our knowledge, true and accurate. However, all recommendation or suggestions are made without guarantee, since the conditions of use are beyond our control. We disclaim any liability incurred in connection with the use of these data or suggestions. This information is not to be taken as a license to operate under, or a recommendation to infringe any patent (s).
--

**R157, Street No. : 14A, Swatantra Nagar, Narela, Delhi-110040, India**

**Phone no. : +91 9811941073, +91 9811941076**

**E-mail ID: info@maadurgapolychem.com**

**E-mail ID: maadurgapolychem@rediffmail.com**