

TECHNICAL DATA SHEET



MAA DURGA POLYCHEM PVT. LTD.

We Understand Yours Needs....
Titanium Dioxide (Rutile)

MDPC® - R104

➤ Description

MDPC® - R104 is a sulphate process rutile pigment specialty designed for the use in plastics. It has an inorganic posttreatment, as well as a very hydrophobic organic posttreatment. **MDPC® - R104** has a blue undertone and excellent properties in opacity and gloss. The unique production process grants R104 excellent dispersibility in plastics, low volatile, resistance at high temperatures and excellent processability. **MDPC® - R104** is used in a variety of different plastics.

➤ Applications

- High concentrated Masterbatches
- Consumer electronic plastics
- Polypropylene
- Acrylonitrile Butadiene Styrene
- Poly Vinyl Chloride
- Ethylene Vinyl Acetate

➤ Properties

- Excellent opacity and hiding power
- Excellent dispersibility
- Excellent heat resistance
- Strong blue undertone
- Extremely low volatile
- Excellent hydrophobic

➤ Product Specifications

TiO ₂ Content%	≥97.0	Oil absorption [g/100g]	≤15
Rutile Content %	≥98.4	Dispersibility Hegman scale	≥7.0
Posttreatment	Al, Si, Organic	Powder flowibility (ASTMD673)	2.1
Whiteness Index [BERGER]	≥75	Bulk density [kg/m ³]	807
Yellow Index [yl-313]	≤1.6	Weatherability	B
Rel. humidity 105°C.	≤0.15	ASTM D476:2000	II
Volatiles 160°C.	≤0.35	ISO591-1:2000(E)	R1
Volatiles 300°C.	≤0.60		

➤ Self Life

This product is used in within a 12 month, when stored under the right conditions.

➤ Packaging

This product is packaged in 25Kgs. PP Woven Sack Bag with Linner.

➤ Storage

Store in a cool and dry place, once opened, the bag should be tightly close after use.

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).

The above mentioned chemical product has no poison, no pollution and no cauterization, It is common chemical product.

Made In India

MANUFACTURER • IMPORTER • EXPORTER

PVC HEAT STABILIZER □ OPTICAL BRIGHTENER □ TITANIUM DIOXIDE

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