



Specification

| Concerning Product: | |
|---|---|
| Article number | 598629CIT |
| Trade name / designation / denomination | Mangan-Carbonat, techn. |
| CAS number | 598-62-9 |
| Other names / synonyms | •manganese carbonate; •manganese(2+) carbonate; |
| EC number | 209-942-9 |
| Customs tariff number / CN code / TARIC | 28369917 |
| Molecular weight [g / mol] | 114,95 |
| Formula | MnCO3 CMnO3 |

| Parameter | Specification | Unit |
|-----------------------------------|-------------------|------|
| Organoleptic test | | |
| Appearance | beige fine powder | |
| Physical parameter | | |
| Water content | 100°C ≤ 2,5 | % |
| Impurities | | |
| Related substances | MnO2 ≤ 0,15 | % |
| Elemental Impurities | | |
| Manganese (Mn) | ≥ 44,5 | % |
| Particle size distribution | | |
| Particles | < 75µm ≥ 80 | % |

Supplemental information:

Note: For metal treatment application only : 38% w/w H3PO4 solution dissolution test : pink and clear solution

Storage conditions: This product can be stored 6 months from manufacturing date , under covered warehouse where temperature is max. 25°C and relative humidity 80% max., in original closed packaging. >> The product is sensitive to oxidation; after 6 months from the manufacturing date, brownish and dark spots may appear; the operating conditions for metal treatment application must then be adjusted <<

Packing: 25 Kg net weight multi-paper bags

Usage: Metal treatment ► Chemical applications ► Welding ► Catalysis ► Li rechargeable batteries ► Electronic components ► Pigments

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 01. Aug. 2024

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