



Spezifikation

Produktbezug:	
Produktnummer	57136OPT
Handelsname / Bezeichnung	Harnstoff techn. Urea
CAS Nummer	57-13-6
Andere Bezeichnungen / Synonyme	•Harnstoff; •Harnstoff krist; •Harnstoff perform; •Urea crystalline; •Urea pellets; •urea;
EG Nummer	200-315-5
Zolltarifnummer / CN-Code	310210
Molekulargewicht [g/mol]	60,06
Formel	CH4N2O

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen		weiß, kugelförmig	
Physikalische Parameter			
Säuregehalt		NH ₃ ≤ 0,01	%
Unlösliche Anteile		in H ₂ O ≤ 0,005	%
Trocknungsverlust		≤ 0,2	%
pH-Wert	10%ige Lösung	≤ 10	
Schüttdichte		~ 740	kg/m ³
Identifikation			
Gehalt		Gesamtstickstoff: 46,5	%
Gehalt		Harnstoff (Urea) ≥ 99	%
Verunreinigungen			
Glührückstand		≤ 0,002	%
Verunreinigung	Biuret	≤ 1,0	%
Elementare Verunreinigungen			
Eisen (Fe)		≤ 0,0001	ppm
Partikelgrößenverteilung			
Partikel	mittlerer Korndurchmesser	1,6	mm

Anmerkung:

ANWENDUNG

Ausgangsstoff für die Leim- und Harzproduktion
Zwischenprodukt für die chemische Industrie
Hilfsmittel für die Papier-, Kunststoff- und Textilindustrie
Enteisungsmittel

Oberflächenbehandlung mit Methylendiharnstoff zur Verbesserung der Lagereigenschaften

Zusätzliche Angaben:

Lagerbedingungen: Die Einwirkung von Nässe beim Transport, Umschlag und bei der Lagerung ist zu vermeiden.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Nov. 2023

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