




Spezifikation

Produktbezug:	
Produktnummer	30111
Handelsname / Bezeichnung	Kolloidschwefel 50%
CAS Nummer	7704-34-9
Andere Bezeichnungen / Synonyme	•Kolloidschwefel; •Schwefel; •Schwefel, gefaellt, sublimiert oder kolloid; •sulfur; •sulfur, precipitated, sublimed or colloidal;
EG Nummer	231-722-6
EG-Index-Nummer	016-094-00-1
Molekulargewicht [g/mol]	32,07
Formel	S1 (bzw. S8)
Achtung  1350, ADR/RID Kl. 4,1, III	
Verursacht Hautreizungen. Mit viel Wasser und Seife waschen.	

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	Kolloidaler Schwefel 50% ist ein sehr feiner feucht gemahlener Schwefel mit einem Dispergiermittel und besonders geeignet zur Herstellung von dünnen und transparenten Latexfolien.	
Farbe	gelblich	
Physikalische Parameter		
Dichte	20°C ≤ 1.37	g/cm
Form (Aggregatzustand)	viskose Dispersion	
pH-Wert	Konzentration: 1 % 9 – 11	
Siedebereich	≤ 100	°C
Löslichkeit	in Wasser: unlöslich	
Elementare Verunreinigungen		
Schwefel (S)	50 – 54	%
Partikelgrößenverteilung		
Partikel	≤ 5	µm

Zusätzliche Angaben:

Herleitung: Schwefeldispersion in Wasser

Hinweis: Schwefelsedimente, die während der Lagerung entstanden sind, können durch Rühren oder Schütteln resuspendiert werden.

Lagerbedingungen: In original verschlossenen Behältern unter kühlen (ca. 25 ° C) Bedingungen 365 Tage ab Herstellungsdatum.

Verpackung: 60 l (82,8 kg) HDPE-Hobbock auf 496,8 kg Skid.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 06. Nov. 2019

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