

LIQUID SULPHUR

Product : Liquid sulphur
 Formula : S
 N° ONU : 2448
 Type : Liquid with honey color (at 130°C)
 Properties : Melting point : 119°C
 Flash point : 188°C
 Auto ignition temperature : 232°C
 Minimum flammable energy : > 1200 milli joule

SPECIFICATION		TYPICAL	METHODS
Sulphur	mini 99,99%	> 99,99	By difference
Moisture	maxi 0,01%	< 0,01	ISO 3426
Ashes	maxi 0,003%	< 0,001	ISO 3425
Acidity	maxi 0,002%	< 0,001	ISO 3704
Organics	maxi 0,03%	< 0,01%	ISO 2866
Arsenic	maxi 0,00002%	< limit of detection of 0,00001%	Microwave digestion in closed reactor with atomic spectrophotometric absorption in graphic furnace (AAS method)
Selenium	maxi 0,0001%	< limit of detection of 0,00001%	Microwave digestion in closed reactor with atomic spectrophotometric absorption in graphic furnace (AAS method)
Tellerium	maxi 0,0003%	< limit of detection of 0,00001%	Microwave digestion in closed reactor with atomic spectrophotometric absorption in graphic furnace (AAS method)

Uses : When large quantities are used
 Packing : Road tank car (single tank capacity 16000 to 18000 liters)
 Tank container ISO 20'
 Transport : ADR/RID or IMDG code applied
 Origin : CEE

VISCOSITY

average value from historical data

Temperature (°C)	Viscosity (Pa s)
120	0.017
140	0.008
158	0.064
160	5.952
180	86.304
300	3.72