

Butane	1.1
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Product name:	Butane	Butane
Destination:	Export	

Product code (PSS nr.):			M16428	Test method:	
Period			all year		
Vapour pressure at 40°C	kPa (ga)	max	490	ISO 8973	
Density @15°C	kg/m3		report	ISO 8973.	
Total evaporation residue	mg/kg	max	20	ISO 13757	1)
Total sulphur	mg/kg	max	50	D 6667	6)
Corrosion, copper strip		max	1	ISO 6251	2)
Odour					3)
Free water at 15°C			Negative	DIN 51614	
Alkalinity			Negative	DIN 51614 modified	5)
Composition:				ISO 7941	
C ₄	% liq. V	min	95		
C ₅	% liq. V	max	2.0		
C ₆ and heavier	% liq. V	max	0.5		
1.3 Butadiene	% liq. V	max	0.1		4)
Unsaturates	% liq. V	max	5		
Additives:					
Ethyl mercaptan	mg/kg	min	15		3)

Notes:
1) Modified method.
2) Use of corrosion inhibitor is not allowed.
3) The dosing is done at the road car loading facilities only. (Deliveries to ship is not dosed).
4) Legal limit (< 0.1 % according to "Bekendtgørelse nr. 439 af 3 juni 2002 om listen over farlige stoffer") .
5) In case of positive result the product can still be released by notifying Shell LPG and Supply. Laboratory has to issue a note to scheduler before the product is released. Scheduler will follow up and notify customers within normal working hours.
6) Tested periodically once every half year