Laboratory for Chemical Production in Electronic Industry

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Technical Data Sheet	**Sn62Pb37Cu1**
Product name:	**MARMOT Solder Sn62Pb37Cu1**
Description and key properties:	

- **Sn62Pb37Cu1 - Standard Tin-Lead based solder with Copper content for soldering in electronics**

Standard solders based on Tin Lead alloy are well proved by the long time of use and are the most reliable for soft soldering in temperature range 240℃ - 350℃ e specially in electronics and general engineering.
Tin Lead based solders are cost effective but their usage are restricted by EU direction RoHS – 2002/95/ES and further directions.

Technical specification								**Sn62Pb37Cu1**
Commercial Name:		**Solder MARMOT® Sn62Pb37Cu17**						
Supplied and shaped as bar, wire or multicored wire with the flux.								
Diameter and Package:		0,5/0,8/1/1,5/2/3	mm	Reel	100/250	g		
				Reel	0,5/1/6	Kg		
		10x10x10x400	mm	Bar				
		25x45/50x400	mm	Bar				
List of components:		**Alloyed**			**Content range**			
			U	min.	max.	U		
Ag	Silver		%	0,000	0,050	%		
Bi	Bismuth		%	0,000	0,050	%		
Fe	Iron		%	0,000	0,020	%		
P	Phosphorus		%	0,000	0,200	%		
Sb	Antimony		%	0,000	0,050	%		
Al	Aluminium		%	0,000	0,001	%		
Cd	Cadmium		%	0,000	0,002	%		
In	Indium		%	0,000	0,050	%		
Pb	Lead	37,50	%	rest	rest	%		
As	Arsenic		%	0,000	0,010	%		
Cu	Copper	0.70	%	0,550	0,850	%		
Ni	Nickel		%	0,030	0,010	%		
Zn	Zinc		%	0,000	0,001	%		
Sn	Tin	62,00	%	61,500	62,500	%		
	Flux:		%			%		
	Melting point:	180	℃					
	Working temperature*:	240–350	℃					
	Working temperature is the temperature when fluidity is the best for soldering							