

Update: 15/05/2017	TECHNICAL DATA SHEET	
Ref: Wire	Solder Wire	
Created on: 20/04/2010	Sn27Pb70Ag3 RD	



GENERAL CHARACTERISTICS:

Solder ternary alloy with incorporated flux (activated rosin) for soldering equipment in electronics, telecommunications, rework or SMT.

CHEMICAL CHARACTERISTICS:

Amount of Tin : 27 % ± 1 %
Amount of Lead : Rest
Amount of Silver : 3% ± 0.5%
Tin-lead from first melting, silver purity of 99.99%
Type of cored flux : RD
Amount of cored flux : available in 2.2% (standard). Other: consult us.

PHYSICAL AND CHEMICAL CHARACTERISTICS:

ALLOY : Sn27Pb70Ag3

Melting point : Solidus 183°C to liquidus 253°C
Specific weight : 9.85 g/cm³
Wire diameter : from 0.5mm to 5 mm

FLUX : RD

Natural rosin.
Chloride content : 1.3 %
Acid value: 175 mgKOH/g
Fast soldering.
RD flux is classified 1.1.2 according to standard ISO EN 9454.
RD flux is an activated rosin flux.
Cleaning is recommended after soldering.

USING CHARACTERISTICS:

Working temperature : 370°C to 420°C

PACKAGING / STORAGE:

Solder wire : Various types of reels available adapted to Customer's needs.
Depending on diameter and length.
Other product shape : On request
Storage : In original packaging at room temperature for 12 months.

SAFETY:

Material Safety Data Sheet available on request. Please consult it before use.

ADDITIONAL INFORMATION:

Quality Certificate available on request.

Our manufacturing processes have been subjected to FMECA analysis (equivalent of AMDEC in Europe).



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