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ALLOY XP11

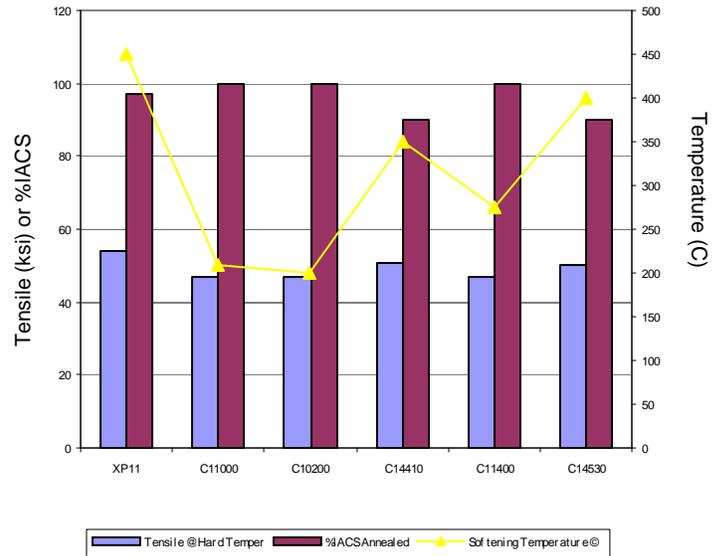
High Precision Copper Alloy

XP11 is an excellent upgrade to traditional coppers and other medium conductivity alloys. Our research lab and product development team created the alloy from our work on the PMX C15100 system. Special modifications allow the system to be utilized for heat transfer applications, shielding and as an alternative to more expensive metal value silver bearing copper systems. Hybrid and electric vehicles, electronics or mixed power signal applications can benefit from utilizing XP11.

PMX XP11 performs well at service temperatures of 105-150°C. Additionally, to support the continuing demand for high temperature, low cost coatings PMX has engineered XP11 to perfectly match our high temperature, lead free solder coatings –

PMX C15100 with Sn28M will enable your connector designs to use thinner materials, carry more current, operate more reliably and reduce insertion force. This system provides a viable alternative to advance barrier tins, nickel barrier reflow and a lower cost, lower insertion force option to pure silver. Sn28M can be mated with pure tin, pure silver, electroplates and reflow terminals without concern for mismatch. Additionally, Sn28M is compliant with today's lead-free solder system.

You should also inquire with our sales department about the reduction in total cost achieved with our scrap buyback plan for XP11 – Enhanced performance and controlled total system costs – Available and supported through the PMX Alliance...That's the PMX Difference. Contact your PMX representative at 1-800-531-5268 or email us at sales@ipmx.com.



Temper	Tensile Strength (ksi)	Nominal Yield Strength (ksi)	90° GW/BW Bends
H020	40-50	45	0.5/0.5
H040	49-60	52	1/1
H060	55-63	56	1.8/2.1
H080	60 min	-	2.0/3.0

Details released herein are believed to be accurate at the time of issue and are considered for general information only. Use of this information is to be at the consumer's discretion.



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