

INFRARED IMAGING TECHNOLOGY

“A PICTURE IS WORTH A THOUSAND WORDS.”

For more than 20 years, Brush Performance Alloys has been committed to bringing high thermal conductivity and uniform cooling into the plastics market. Today, as part of our service we bring Infrared imaging technology to you. With our sophisticated IR cameras and knowledgeable staff we can literally look inside your mold and show you, in real time, how and where the thermal management properties of our MoldMAX® mold alloy can make a difference in your part and your molding operations.



STEP 1:

Set-up & calibrate the camera to the parts at the press.



STEP 2:

Shoot the parts as soon as they come out of the mold – the part is a thermal mirror of what is occurring in the mold.



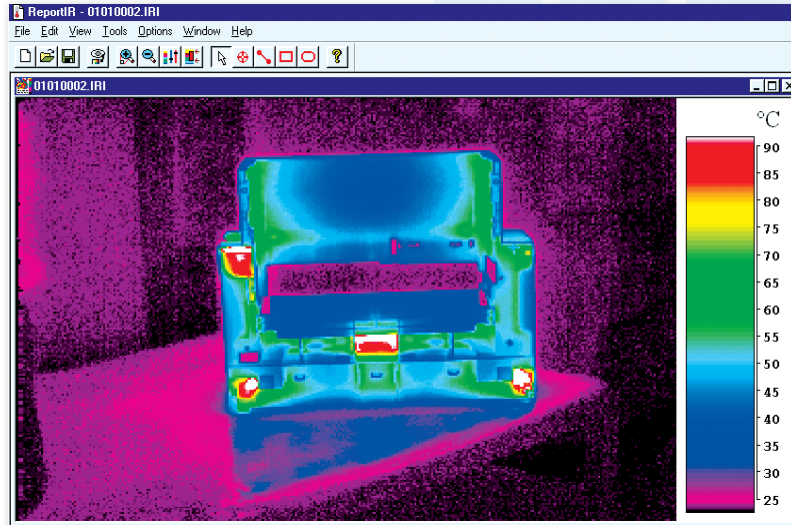
MATERION



Seeing is believing, which is why Brush Performance Alloys has invested in IR technology worldwide. We are just as committed to helping our customers better manage the thermal properties of their molds today as we were more than 20 years ago.

Brush Performance Alloy's mold alloys, the proven leaders in developing and growing the use of high strength-high conductivity copper alloys for molds used in the plastics industry, are supported worldwide through a network of Ph.D. metallurgists and experienced application engineers. With the value-added characteristics of Brush Performance Alloy's mold alloys, you will substantially reduce part costs while making your manufacturing process more efficient. On average, the cost differential of tool steel to MoldMAX is recovered in cost reductions within the first three months of production, making our mold alloys the least expensive path to substantial cost reduction offered in the industry today. All of this allows you to be more competitive in a world economy.

Let us show you how MoldMAX can improve your bottom line. Visit www.MoldMAX.com or call us at 800.321.2076.



STEP 3:

Shoot multiple views to gather the complete thermal fingerprint of the part.



STEP 4:

Together, review the thermal images while working through thermal management solutions that best fit the application.



For more information about our products, please call Materion Customer Technical Service at 800-375-4205 or visit us at www.materion.com/brushalloys

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