

## MTR Maintenance

MTR attaches material properties to a Lot Number in GP. It allows creation of multiple Heat Codes associated with a single lot number, which is useful if a material is re-tested so that a new set of properties can be associated with the Lot without losing the original properties.

The screenshot shows the 'MTR Maintenance' window with the following data:

- Item Number: WIRE-MCD-0001
- Description: Multi conductor wire
- Customer Item Desc: (empty)
- Record: 1
- Lot Number: 111155
- Heat Code: 111155

General		Chemical Properties		Physical Properties	
Engineering Spec	PT-103	Date	0/0/0000	Quantity	0.00
Material Spec					
Material Standard					
Dimensions					
Heat Treatment	ABSDF				
Heat Temp	74.4 C				
Cooling Type	AIR				
Conformance Type	PT-101023.332				
Customer Number					
SDP Type					
SDP Number					
Vendor Number					
PO Number					
PO Receipt Number					

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- Item Number: WIRE-MCD-0001
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- Customer Item Desc: (empty)
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- Heat Code: 111155

General		Chemical Properties		Physical Properties	
C	0.000	A	0.000		
Si	0.000	B	0.000		
Mn	0.000	Ca	0.000		
P	0.000	Fe	0.000		
S	0.000	N	0.000		
Cr	0.000	T	0.000		
Cu	0.000	Ti	0.000		
Ni	0.000				
Mo	0.000				
V	0.000				
Cb	0.000				

**MTR Maintenance**

Save Clear Delete New

Item Number: WIRE-MCD-0001  
 Description: Multi conductor wire  
 Customer Item Desc.:  
 Record: 1  
 Lot Number: 111155 Heat Code: 111155

General Chemical Properties Physical Properties

Tensile Test

Diameter	0.000
Tensile Strength	0
Yield Strength	0
Elongation	0.00
Reduct. Area %	0.00
Brinell Hardness 1	3
Brinell Hardness 2	4
Bend Test	0.0
Flattening Test	0.0
Carbon Equiv.	0.000

Impact Test

Charpy	
Impact Test Type	
Impact Temp/Unit	0.0 F
Joules/Ft-Lbs 1	5.2 3.8
Joules/Ft-Lbs 2	0.0 0.0
Joules/Ft-Lbs 3	0.0 0.0
Lat Exp 1	0
Lat Exp 2	0
Lat Exp 3	0
% Shear 1	0
% Shear 2	0
% Shear 3	0

MTR Query allows the end-user to build complex, multi-part queries to locate material in inventory that meets a customer's specification requirements.

**MTR Query**

Done Refresh Query Cancel

Restriction: [ ] [ ] [ ] Add

Restrictions

Item Number	contains	w
and HeatCode	contains	55
and Aluminum	>=	.35

Item Number	RecordNum	Lot Number	HeatCode	Date	PO Receipt Number	PO Number
WIRE-MCD-0001	1	111155	111155	1900-01-01 ...		