



# PARAT TECHNOLOGIES

Thermal Spray Equipment | Surface Engineering Solutions  
Email: [info@parattech.com](mailto:info@parattech.com), [parattechnologies@gmail.com](mailto:parattechnologies@gmail.com)  
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## Technical Data Sheet

(PT-CO/03, PT-CO/04)

Date: - 28/09/2014

**Customer's Name**- .....

**Description**: - Chromium Oxide Ceramic Rod

**Rod Sizes**: - 3/16" Diameter x 24" (4.75mm x 610mm), Diameter: 4.763±0.03mm, Length: 610~620mm, 1/4"Diameter x 24" (6.35mm x 610mm), Diameter:6.35±0.03mm, Length: 610~620mm

**Properties**: -

Good Resistance to Mechanical Resistance

Very Good Abrasion Resistance

**Chemical Composition**: -

Cr2O3	91.01
SiO2	5.57
Al2O3	3.06
Fe2O3	0.24
MgO	0.12

**Physical Properties**: -

Color	Grey
Weight	51g/pcs
Hardness	HV 1000~1200

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Wire Arc Spray | Flame Spray | HVOF | Plasma Spray | Thermal Spray Wires | Thermal Spray Powders |



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### **Coating Features: -**

Deposit Efficiency	51%~55%
Bulk Density	4.5g/cc
Melting Point	2800° C
Porosity	<8%
Hardness	HV 1100

### **Packing: -**

Rods packed in tubes: 80 rods (PT-CO/03) & 50 rods (PT-CO/04)

10 Tubes packed in each wooden box

Thanks

Parat Technologies

*We are committed to your satisfaction*

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