





CHROM-COBALT

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|-------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------|
| Dichte | 8,29 g/cm ³ |  |
| Vickershärte | 460 HV | |
| Wärmeausdehnungskoeffizient (25 – 500 °C) | 14,1 * 10 ⁻⁶ K ⁻¹ | |
| Thermische Leitfähigkeit | 12,6 W/(mK) | |
| Chemische Zusammensetzung (%) | Co 62, Cr 30, Mo 6, Si, Mn, Fe, C | |
| Zugfestigkeit | 1420 MPa | |
| 0,2 % Dehngrenze | 1117 MPa | |
| Ausdehnung | 28 % | |
| E-Modul | 240 GPa | |
| Schermodul | 93 GPa | |
| Poissonzahl | 0,3 | |
| Schmelztemperatur | Ca. 1280-1340 °C | |
| Brenntemperatur | Max. 980 °C | |


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|--------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------|
| Densità | 8,29 g/cm ³ |  |
| Durezza Vickers | 460 HV | |
| Coefficiente di espansione termica (25 – 500 °C) | 14,1 * 10 ⁻⁶ K ⁻¹ | |
| Conducibilità termica | 12,6 W/(mK) | |
| Composizione chimica (%) | Co 62, Cr 30, Mo 6, Si, Mn, Fe, C | |
| Resistenza alla trazione | 1420 MPa | |
| 0,2 % - Limite di elasticità | 1117 MPa | |
| Espansione | 28 % | |
| Modulo di elasticità | 240 GPa | |
| Modulo di taglio | 93 GPa | |
| Coefficiente di Poisson | 0,3 | |
| Temperatura di fusione | Ca. 1280-1340 °C | |
| Temperatura di cottura | Max. 980 °C | |

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|------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------|
| Density | 8.29 g/cm ³ |  |
| Vickers hardness | 460 HV | |
| Coefficient of thermal expansion (25 – 500 °C) | 14.1 * 10 ⁻⁶ K ⁻¹ | |
| Thermal conductivity | 12.6 W/(mK) | |
| Chemical composition (%) | Co 62, Cr 30, Mo 6, Si, Mn, Fe, C | |
| Tensile strength | 1420 MPa | |
| 0.2 % - Limit of elasticity | 1117 MPa | |
| Expansion | 28 % | |
| Modulus of elasticity | 240 GPa | |
| Shear modulus | 93 GPa | |
| Poisson's ratio | 0.3 | |
| Melting temperature | Ca. 1280-1340 °C | |
| Firing temperature | Max. 980 °C | |

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|---------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------|
| Densité | 8,29 g/cm ³ |  |
| Dureté Vickers | 460 HV | |
| Coefficient de dilatation thermique (25 – 500 °C) | 14,1 * 10 ⁻⁶ K ⁻¹ | |
| Conductivité thermique | 12,6 W/(mK) | |
| Composition chimique (%) | Co 62, Cr 30, Mo 6, Si, Mn, Fe, C | |
| Résistance à la traction | 1420 MPa | |
| 0,2 % - Limite d'élasticité | 1117 MPa | |
| Expansion | 28 % | |
| Module d'élasticité | 240 GPa | |
| Module de cisaillement | 93 GPa | |
| Coefficient de Poisson | 0,3 | |
| Température de fusion | Env. 1280-1340 °C | |
| Température de cuisson | Max. 980 °C | |

CHROM-COBALT

| | | |
|-------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------|
| Densidad | 8,29 g/cm ³ |  |
| Dureza Vickers | 460 HV | |
| Coefficiente de expansión térmica (25 – 500 °C) | 14,1 * 10 ⁻⁶ K ⁻¹ | |
| Conductividad térmica | 12,6 W/(mK) | |
| Composición química (%) | Co 62, Cr 30, Mo 6, Si, Mn, Fe, C | |
| Resistencia a la tracción | 1420 MPa | |
| 0,2 % - Límite elástico | 1117 MPa | |
| Dilatación | 28 % | |
| Módulo elástico | 240 GPa | |
| Módulo de cizalladura | 93 GPa | |
| Coefficiente de Poisson | 0,3 | |
| Temperatura de fusión | Ca. 1280-1340 °C | |
| Temperatura de cocción | Max. 980 °C | |