

## Brass Data Sheet

	<b>Brass 260</b>	<b>Brass 360</b>
<b>Physical Properties</b>		
Density	8.53 g/cc	8.49 g/cc
<b>Mechanical Properties</b>		
Tensile Strength, Ultimate	315 MPa	338-469 MPa
Tensile Strength, Yield	95.0 MPa	124-310 MPa
Elongation at Break	65%	53%
Modulus of Elasticity	110 GPa	97 GPa
Poissons Ratio	0.375	0.31
Machinability	30%	100%
Shear Modulus	40.0 GPa	37.0 GPa
<b>Thermal Properties</b>		
CTE, Linear	19.9 $\mu\text{m}/\text{m}\cdot\text{°C}$	20.5 $\mu\text{m}/\text{m}\cdot\text{°C}$
Thermal Conductivity	120 W/m-K	155 W/m-K
Melting Point	915-950 °C	885-900 °C
Solidus	915 °C	885 °C
Liquidus	955 °C	900 °C