

# MATERIAL DATA SHEET

## 01-006

01-006 is a continuous-cast, highly pearlitic gray iron. This material has an optimal combination of strength, hardness, and wear resistance, making it well suited for use in packing rings and packing cases.

Properties	Value	
<b>Tensile Strength</b>	26,000 psi	179 MPa
<b>Modulus of Elasticity</b>	$2 \times 10^7$ psi	138,000 MPa
<b>Density</b>	0.26 lb/in <sup>3</sup>	7.2 g/cm <sup>3</sup>
<b>CTE</b>	$5.5 \times 10^{-6}/^{\circ}\text{F}$	$9.9 \times 10^{-6}/^{\circ}\text{C}$
<b>Hardness</b>	240 BHN	