



# SHREE EXTRUSIONS LIMITED



## C27450

## DZR LEAD FREE BRASS

### EQUIVALENT SPECIFICATIONS

SPECIFICATIONS	DESIGNATION
ISO	CuZn37
EN	CW508L
JIS	C27450

C27450 Lead Free Brass to not only aid in lead free compliance, but to optimize manufacturing efficiencies through productivity & complete recyclability.

### TYPICAL APPLICATIONS:

- Potable water components, fixtures & applications
- PEX plumbing applications & systems
- Forged products requiring lead free &/or dezincification compliance

### ADVANTAGES

- Good machineability
- Excellent ability to Thread Roll
- Dezincification Resistant
- Excellent forgeability
- Excellent Brazing & Plating

### CHEMICAL COMPOSITION

	Cu	Pb	Zn	Fe	Other
<b>Max- Min</b>	60-65	<0.25(max)	Rem	0.35	<0.5
<b>Nominals</b>	63.0		37.00		

#### FABRICATION PROPERTIES

Soldering	Excellent
Brazing	Excellent
Cold working	Excellent
Plating	Excellent
Forgability	95
Machinability	70

#### MECHANICAL PROPERTIES

Tensile Strength (ksi)	58
Yield Strength (ksi)	40
Elongation (%)	30%
Hardness (Rb)	55-75

### SIZES AVAILABLE:

ROUND RODS		1 mm to 8 mm		
HEX		5 mm to 65 mm		
SQUARE		4 mm to 60 mm		
FLAT		4 mm Min Thickness and max Width 120 mm		
BILLETS		Up to 200 mm		
INGOTS		As per Specification		

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NABL / ISO : 15189  
 Accreditation Number M - 0000



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