



SHREE EXTRUSIONS LIMITED

C27450

DZR LEAD FREE BRASS

EQUIVALENT SPECIFICATIONS

SPECIFICATIONS	DESIGNATION
ISO	CuZn37
European	CW508L
BS	
JIS	C27450
Russian	

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	Fe	Zn	Others
Min/Max	60-65	<0.25 (max)	0.35	Rem	<0.5
Nominals	63.00			37.00	

MECHANICAL PROPERTIES

Rod H02	Tensile Strength (ksi)	Yield Strength (ksi)	Elongation (%)	Hardness (Rb)
	58	40	30%	55-75

FABRICATION PROPERTIES

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

SIZES AVAILABLE

- Wire : 1mm To 8mm
- Hollow rods : Min Bore Size 20 mm and Max OD 100 mm
- Round rods/bars : 6mm To 130 mm
- Hex : 5mm To 60mm
- Square : 4mm To 60mm
- Flat : 5mm Min Thickness and max Width 120 mm
- Profiles/sections : As per Customer Drawing
- Billets : Up to 200 mm
- Ingot : As per Specification

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