

**URANIUM CORPORATION OF INDIA LIMITED**  
**JADUGUDA MINES**

Annexure-1

Public Tender No. : PUR / 2 / 30 / 8408 / 617  
Item : Chrome Steel Grinding Ball, Size: 40mm

**M A T E R I A L   D E T A I L S**

The grinding media shall be used for wet grinding of siliceous ore in a grinding mill

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**Material** : Chrome Steel having the following properties / compositions :

Carbon	-	2 to 3.5%
Chromium	-	16 to 18%
Silicon	-	1.0% max.
Manganese	-	1.0% max.
Sulphur & phosphorus	-	0.06 maximum

**Hardness** : - 600 BHN minimum

**Size** : 40 mm diameter