



Properties of natural rubber
 Rubber Lining Thickness - 6mm
 (3mmx2 Layers)

Hardness : Shore A 40±5°
 Tensile Strength : 150 -180 kgf/cm²
 Sp. Gr. : 1.1 to 1.2
 Elongation : 450 % Min.
 Ash Content : 7% Max.
 Resilience : 60±5 %
 Abrasion Resistance : 65 mm² at 10 N as per DIN 53516
 Adhesion : 3.6 Kg CM as per IS:3400 Part V

NOTE :-

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
2. ALL NOZZLES / PIPES SHOULD BE OF SEAMLESS PIPE SCH.40
3. ALL NOZZLES ARE WELDED WITH PATCH PLATE OF THK. 6 mm FROM INSIDE & OUTSIDE.
4. ONLY ARC WELDING ALLOWED.
5. HAND RAIL : 32 NB M.S. PIPE MEDIUM CLASS IS:1161 MEDIUM
6. FLANGE DRILLED AS PER ANSI-B 16.5 CLASS 150
7. ALL JOINTS SHALL BE PREPARED AND WELDED CONFORMING TO IS 803
8. BOTTOM PLATES ARE OF SINGLE WELDED FILLET LAP JOINT CONSTRUCTION
9. TANK SHALL BE PAINTED FROM OUTSIDE WITH SMOKE GREY FOLLOWED BY RED OXIDE PRIMER.

MATERIAL :- M.S. R.I.

. 6 mm THK. RUBBER LINING (2 LAYERS OF 3 mm EACH)

. PLATES STRUCTURAL STEEL -SAIL/JINDAL MAKE



URANIUM CORPORATION OF INDIA LTD. TURAMDIH MINES
 (A GOVT. OF INDIA ENTERPRISE, DEPT. OF ATOMIC ENERGY)

DRN. Rajesh 04.05.16 TITLE

CHECKED NK Nayak

APPROVED

SCALE

DIMENSIONS IN MM

PRECAST SOLUTION/TRANSFER TANK

(6V-3)

IR 3.NO.- UCT-2/MECH/TANK/234

REV. 0

REV. REV. BY DATE

DESCRIPTION