

PROPERTIES OF YELLOW GRADE UHMWPE			
SL.No.	PARAMETERS	UNIT OF MEASURE	SPECIFIED VALUE
1	DENSITY	gm/cc	0.93 - 0.96
2	SHORE-D HARDNESS	-	65±3
3	BALL INDENTATION HARDNESS	N/mm ²	38 (Min)
4	NOTCH IMPACT STRENGTH	NO FAILURE	NO FAILURE
5	TENSILE STRENGTH AT BREAK	Kg/cm ²	≥ 350
6	ELONGATION AT BREAK	%	≥ 200
7	ABRASION LOSS	mg	60 (Max)
8	MOLECULAR WEIGHT	g/mol	> 7 Million

NOTE :-

- 1) ALL SURFACE TO BE 3.2 Ra UNLESS OTHERWISE MENTIONED
- 2) PARTY SHALL PROVIDE THE TEST CERTIFICATE OF UHMWPE FROM ANY NABL ACCREDITED LAB.

ITEM NO - 05

PART NO - EA14677C...F

MATERIAL :- UHMWPE

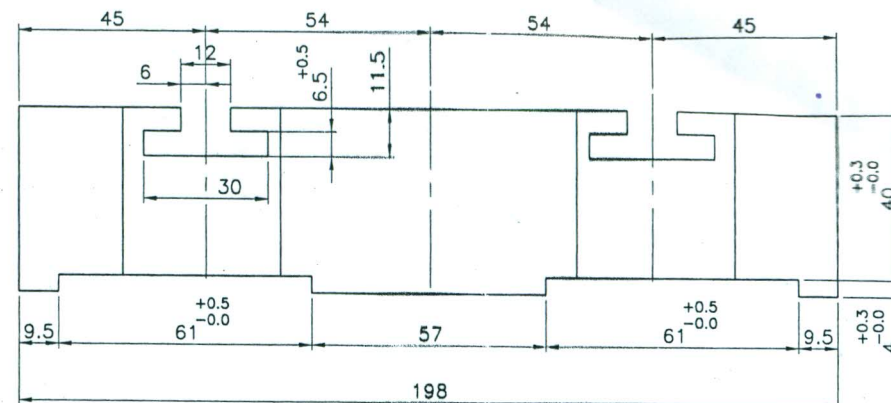
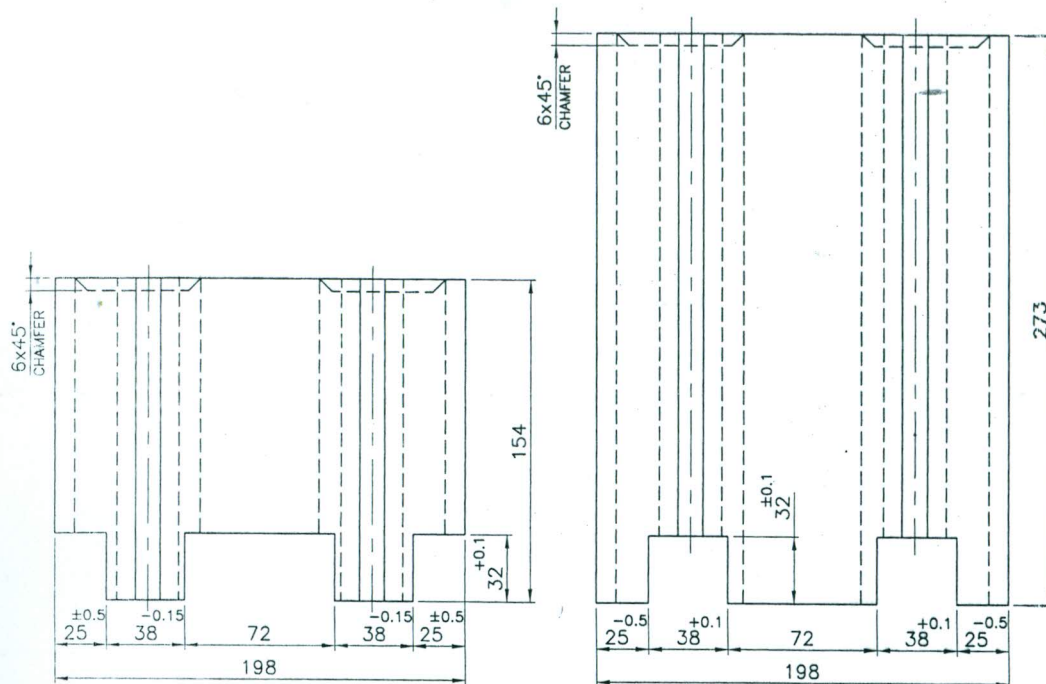


URANIUM CORPORATION OF INDIA LTD. TURAMDIH MINES
(A GOVT. OF INDIA ENTERPRISE, DEPT. OF ATOMIC ENERGY)

DRN.	Rajesh	29.04.11
CHECKED	NKN	
APPROVED	MKS	
SCALE	1:2.5	
DIMENSIONS IN MM		

TAKE-UP BLOCK VACUUM PAN
FOR ACID / NEUTRAL BELT FILTERS

DRG.NO.- UCT-2/MECH/BELT FILTER/07 REV.-0



ENLARGED "X"

PROPERTIES OF YELLOW GRADE UHMWPE

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6	ELONGATION AT BREAK	%	≥ 200
7	ABRASION LOSS	mg	60 (Max)
8	MOLECULAR WEIGHT	g/mol	> 7 Million

NOTE :-

- 1) BOX 45 mm BEFORE MACHINING
- 2) ALL SURFACE TO BE 3.2 Ra UNLESS OTHERWISE MENTIONED
- 3) PARTY SHALL PROVIDE THE TEST CERTIFICATE OF UHMWPE FROM ANY NABL ACCREDITED LAB.

PART NO - EA14677C....C

ITEM NO - 01
(SEAL DISCHARGE END)

PART NO - EA14677C....A

ITEM NO - 02
(SEAL FEED END)

MATERIAL :- UHMWPE

10P

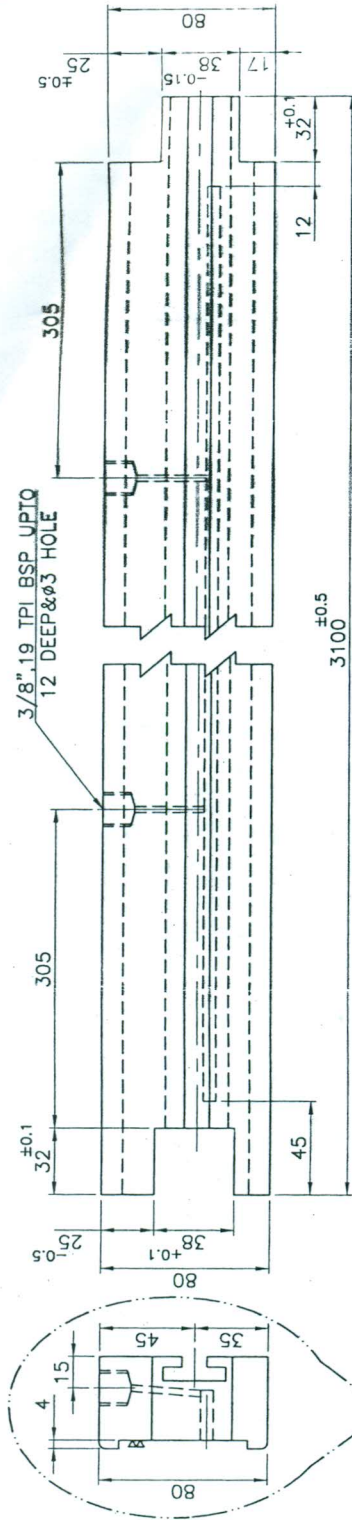


URANIUM CORPORATION OF INDIA LTD. TURAMDHI MINES
(A GOVT. OF INDIA ENTERPRISE, DEPT. OF ATOMIC ENERGY)

DRN.	Rajesh	29.04.11
CHECKED	NKN	
APPROVED	MKS	
SCALE	1:2.5	
DIMENSIONS IN MM		

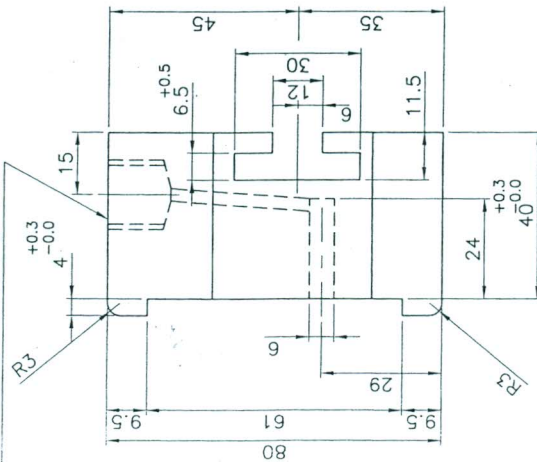
SEAL FEED END & SEAL DISCHARGE END
FOR ACID / NEUTRAL BELT FILTERS

DRG.NO.- UCT-2/MECH/BELT FILTER/06 REV.- 0



PART NO - EA14676D...AC
ITEM NO - 03 A

3/8", 19 TPI BSP TAP UPTO
12mm DEEP THAN Ø3mm
THROUGH TO BOTTOM OF SLOT



ENLARGED "X"

ITEM NO - 03 B

PART NO - EA14676D...AD

NOTE :-

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MATERIAL :- UHMWPE



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

DRN.	Rajesh	29.04.11
CHECKED	NKN	
APPROVED	MKS	
SCALE	1:2.5	
DIMENSIONS IN MM		

SLIDE BLOCKS (LONG) FOR ACID / NEUTRAL
BELT FILTERS

DRG.NO.- UCT-2/MECH/BELT FILTER/05 REV.- 0