



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.

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	



MATERIAL :- UHMWPE

(A GOVT. OF INDIA ENTERPRISE, DEPT. OF ATOMIC ENERGY)

Rajesh	21.07.16
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CHECKED

APPROVED

SCAIF 1.25

COVALL 1.2.0

DIMENSIONAL IN VARI

SEAL STRIP FOR HORIZONTAL BELT FILTER

DRG.NO.- UCT-2/MECH/BELT FILTER/244	REV.- 0
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