## **Material Mind - Material Recommendation Report**

## **General Recommendations:**

The shielding container should be designed with a leak-tight seal to prevent radioactive material from escaping. The container should also be designed to withstand external pressures and temperatures.

Material	Properties	Application	Rationale	
Lead (Pb)	density: 11.34 g/cm³ tensile strength: 50-60 MPa	tDenmacovadagtorfithmessh	<b>DEVERMONS comulainimentis</b> distinie Nilon gap	palitocartbal (
Tungsten (W)	density: 19.3 g/cm³ tensile strength: 1000-1400 N	/Pranetreliminady coombleacth/iel/d	ntig Bolgkherinkeensde rlaingbeden is it Nah	appigb appigb
Stainless Steel (SS)	density: 7.9-8.1 g/cm³ tensile strength: 500-700 N	18 a ulotu ra a bo compositorità y c	विभिन्नी स्थितिको स्थानक स्थानक स्थान स्थानक स्थान स्थानक स्थानक स्थानक स्थानक स्थानक स्थानक स्थानक स्थानक स्थ	expansión Expansión