Table 3.4.3 E: Fishing Sinkers – Tin			
	Technical/ Performance Parameter	**Measure/Metric**	**Source of Information**
	Component/End-product		
	Key physical characteristics	Density: The density of tin is 7.34 g/cm^3 vs. 11.34 g/cm^3 for lead, which means that, for a given weight size (mass), a tin weight will be 54% larger volume than a lead weight. (MatWeb) Melting Point: At 450° F, the melting point of tin is lower than the 622° F melting point of lead. (MatWeb) Corrosion resistance: Tin is corrosion resistant and because of this property it is commonly used to coat steel to produce tinplate, which is used for food packaging applications. Malleability: The malleability of tin is similar to lead. (Sander) Brittleness: In a review of lead-free sinkers, one angler stated that the brittleness of tin can result in split-shot splitting apart, particularly if the tin split-shot is reused. (Ellis) Hardness: 100% tin, Brinell: 3.9 Tin alloy, ASTM B 23, Brinell: 17 Lead, Brinell: 4.2 Lead, Vickers: 5 (MatWeb)	MatWeb, 2006 Ellis, 2006 Sander, 2000