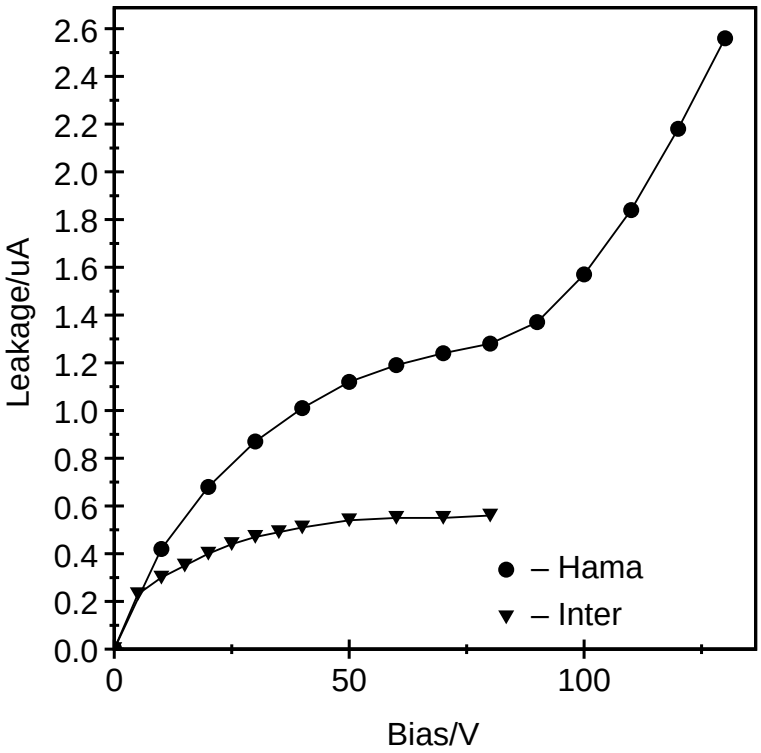PSD leakage Chars.