



**SDI Review Form 1.6**

Journal Name:	<b><u>Physical Science International Journal</u></b>
Manuscript Number:	<b>Ms_PSIJ_18839</b>
Title of the Manuscript:	<b>Temperature-Frequency Characteristics of the Composition HDPE + x vol.% InP</b>
Type of the Article	

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Compulsory</b> REVISION comments	<p>The dielectric strength is the difference between the dielectric values at minimum and at maximum frequencies. In the impedance spectroscopy technique the dielectric strength <math>\Delta\epsilon</math> is expressed as, <math>\Delta\epsilon = \epsilon_0 - \epsilon_\infty</math> where <math>\epsilon_s</math> and <math>\epsilon_\infty</math> are the minimum and maximum components of the dielectric constant. <b>Authors must be determine "dielectric strength"</b></p> <p>Dissipation factor (or dielectric loss tangent) is very important parameter. <b>This parameter must be determined which is a critical parameter in dielectric compounds.</b> The energy loss is also known as the dissipation factor and is typically considered as a characteristic energy loss quantity.</p>	
<b>Minor</b> REVISION comments	<p>Real and imaginary dielectric strength is absent in text. What is HDPE? Why is selected? What is applications of HDPE? Why is not used Impedance analyser</p>	
<b>Optional/General</b> comments	Experimental section is quite inadequate	

**Reviewer Details:**

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