



**SDI Review Form 1.6**

**PART 1:**

Journal Name:	<a href="#">Physical Review &amp; Research International</a>
Manuscript Number:	<b>MS: 2012 PRRI 2808</b>
Title of the Manuscript:	<b>Spectroscopic properties of HALS doped polycarbonate by fluorescence spectroscopy</b>

**General guideline for Peer Review process is available in this link:**

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

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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### **PART 2:** Review Comments

	Reviewer's comment	Author's comment (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><u>Compulsory</u></b> REVISION comments	<p><b>Some points need to be definitely clarified/explained, specifically:</b></p> <ol style="list-style-type: none"> <li>1) What about sample compositional homogeneity when PC is processed with additives Tinuvin 770 and Tinuvin 123?</li> <li>2) It is said that UV irradiation of samples was carried out for 48 h with UV light flux fixed at <math>765 \text{ W/m}^2</math> (dose <math>4230 \text{ kJ/m}^2</math> : <u>please check the dose value</u>) and the sample temperature fixed at <math>65^\circ\text{C}</math>. Are there any check regarding temperature evolution of samples under irradiation ?</li> <li>3) What about the optical properties evolution of samples (Figs. 3-6) as function of the UV irradiation time of previous point 2 ?</li> <li>4) In equation 1) it is necessary to justify the use of the exponent 2, a value that depends on the nature of the transition and related materials kind (especially for doped materials).</li> <li>5) The English language must be improved.</li> </ol>	



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<b><u>Minor</u></b> REVISION comments		
<b><u>Optional/General</u></b> comments		

**Reviewer Details:**

Name:	<b>Anonymous Reviewer</b>
Department, University & Country	