

optical properties of the materials

Posted by rrau - 2013/01/25 06:21

Hi there,

In our working group we're analyzing brain tissues with red light and would like to have a 3d model of the brain in a material with similar optical properties (mainly transmittance) as the real brain tissues. Do you know which of your materials is comparable in its transmittance to that of brain tissues? The values are about 50% decrease in transmittance at 0.1mm and 90% at 1mm (see also ref : http://www.openoptogenetics.org/index.php?title=Transmission_Through_Brain_Tissue).

Thanks for your help!
Richard Rau
Universität Konstanz

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Re:optical properties of the materials

Posted by Marco CM - 2013/02/19 11:29

Hello Richard Rau,

We do offer a material we call our "Digital Material". This material can be printed in various levels of transparency. It is likely we could achieve a very close simulation of the brain tissue by also dyeing the material. Please email me directly to discuss this further: Marco@Kraftwurx.com

-Marco Community Manager

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