

Summary of the research dataset supporting

“Effect of thermal treatments on chiral nematic cellulose nanocrystal films”

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This research dataset is available for free at the University of Cambridge data repository and accessible from this link: <https://doi.org/10.17863/CAM.72241>

General Information:

The dataset is compressed into a main “.zip” file containing folders corresponding to the figures in which they were reported.

All the data (reported curves in the main body and Supporting Information) are made available as .txt, .rtf or .csv files.

List of extensions used:

Extensions	Type	Required software	Possible softwares (examples)
.zip	archive file format	/	WinZip, 7-Zip, Unzip
.tif	image	/	ImageJ
.jpg	image	/	ImageJ
.png	image	/	ImageJ
.txt	ASCII	/	Text editor
.rtf	ASCII	/	Text editor
.csv	Comma separated values	/	Text editor, MS Excel

Complete list of dataset items:

Folder	File name	Type
TOC	carb_graphical_abstract.tif	.tif
Fig_1	Reflectance_CNC-A-N.csv	.csv
	Reflectance_CNC-A-N-GA.csv	.csv
	CNC-A-N-250-LCP.png	.png
	CNC-A-N-250-RCP.png	.png
	CNC-A-N-GA-250-LCP.png	.png
	CNC-A-N-GA-250-RCP.png	.png
	CNC-A-N-GA-LCP.png	.png
	CNC-A-N-GA-RCP.png	.png
	CNC-A-N-LCP.png	.png
CNC-A-N-RCP.png	.png	

Folder	File name	Type
Fig_2	CNC-A-N.tif	.tif
	CNC-A-N-250.tif	.tif
	CNC-A-N-GA.tif	.tif
	CNC-A-N-GA-250.tif	.tif
Fig_3	CNC-A-N.rtf	.rtf
	CNC-A-N-250.rtf	.rtf
	CNC-A-N-GA.rtf	.rtf
	CNC-A-N-GA-250.rtf	.rtf
Fig_4	CNC-A.txt	.txt
	CNC-A-N.txt	.txt
	CNC-A-N-GA.txt	.txt
Fig_5	Reflectance_CNC-A-Vac.csv	.csv
	CNC-A-VAC-900-LCP.png	.png
	CNC-A-VAC-900-RCP.png	.png
	CNC-A-VAC-LCP.png	.png
	CNC-A-VAC-RCP.png	.png
	SEM-CNC-A-VAC-900-PanelC.tif	.tif
	SEM-CNC-A-VAC-900-PanelD.tif	.tif
Fig_S1	XRD_spectra.csv	.csv
Fig_S2	CNC-A-N_dark.JPG	.jpg
	CNC-A-N_white.JPG	.jpg
	CNC-A-N-250_dark.JPG	.jpg
	CNC-A-N-250_white.JPG	.jpg
	CNC-A-N-GA-250_.JPG	.jpg
	CNC-A-N-GA_dark.png	.png
	CNC-A-N-GA_light.png	.png
	CNC-A-Vac-_dark.png	.png
	CNC-A-Vac-_white.png	.png
	CNC-A-Vac-900_dark.png	.png
	CNC-A-Vac-900_white.png	.png
	CNC-A-N-GA-250_white.tif	.tif
Fig_S3	Reflectance_CNC-A-N-GA-900.csv	.csv
	POM-CNC-A-N-GA-900-LCP.png	.png
	POM-CNC-A-N-GA-900-RCP.png	.png
	SEM_CNC-A-N-GA-900.tif	.tif
Fig_S4	CNC_Vac_panel A.tif	.tif
	CNC_Vac_panelB.tif	.tif
Fig_S5	CNC-A-VAC.rtf	.rtf
	CNC-A-VAC-900.rtf	.rtf