Supplementary Materials

Carboxyalkylated lignin as a sustainable dispersant for coal water slurry

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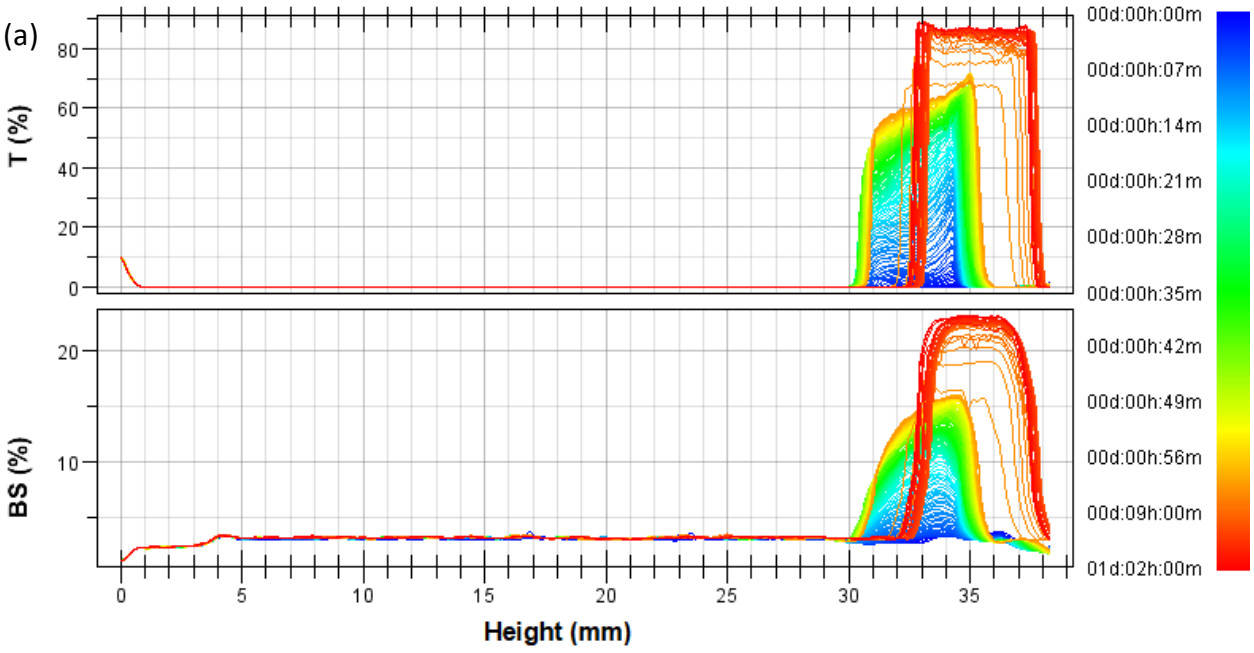

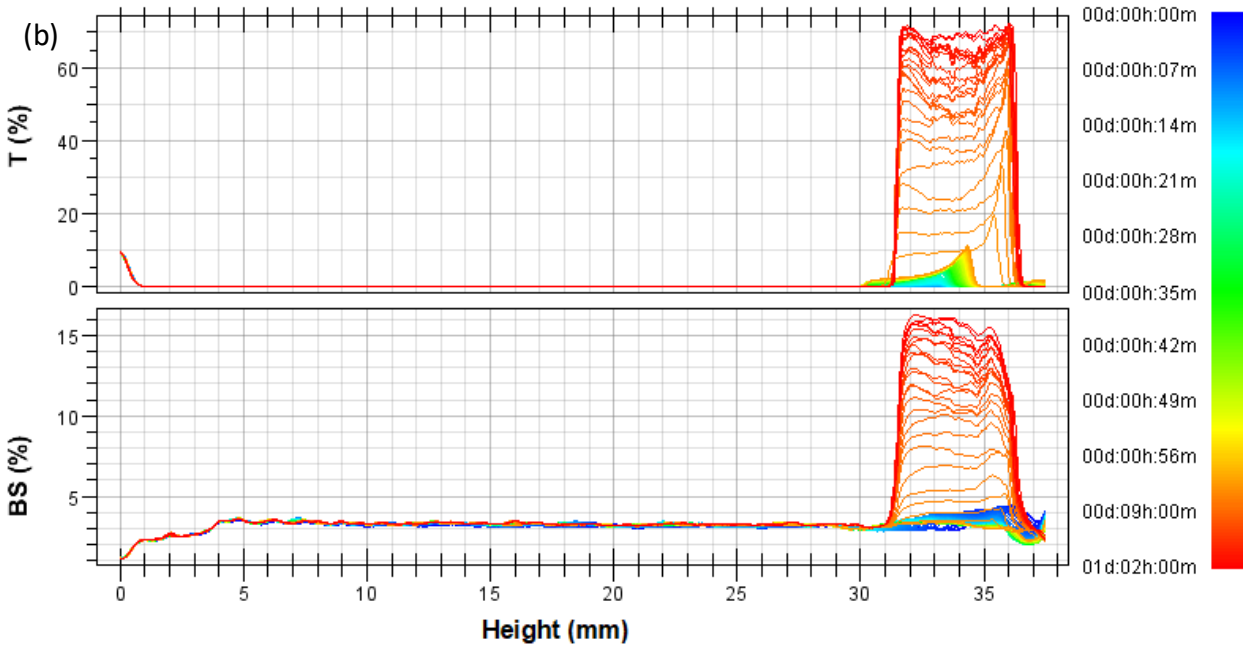
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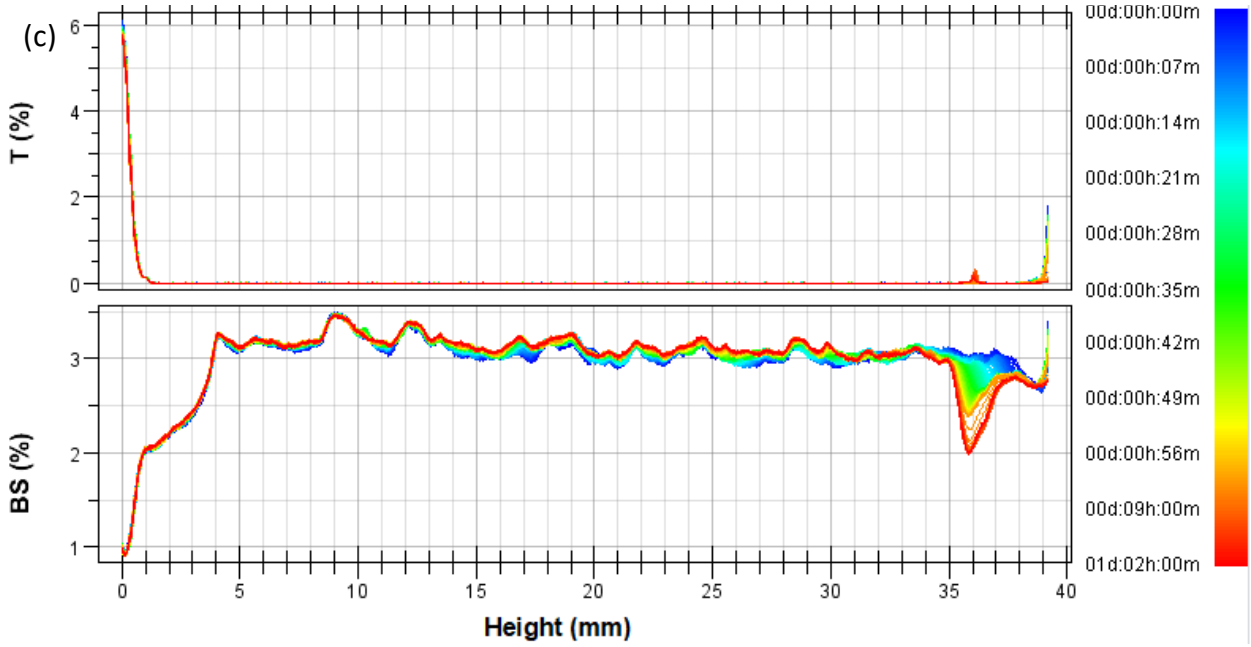
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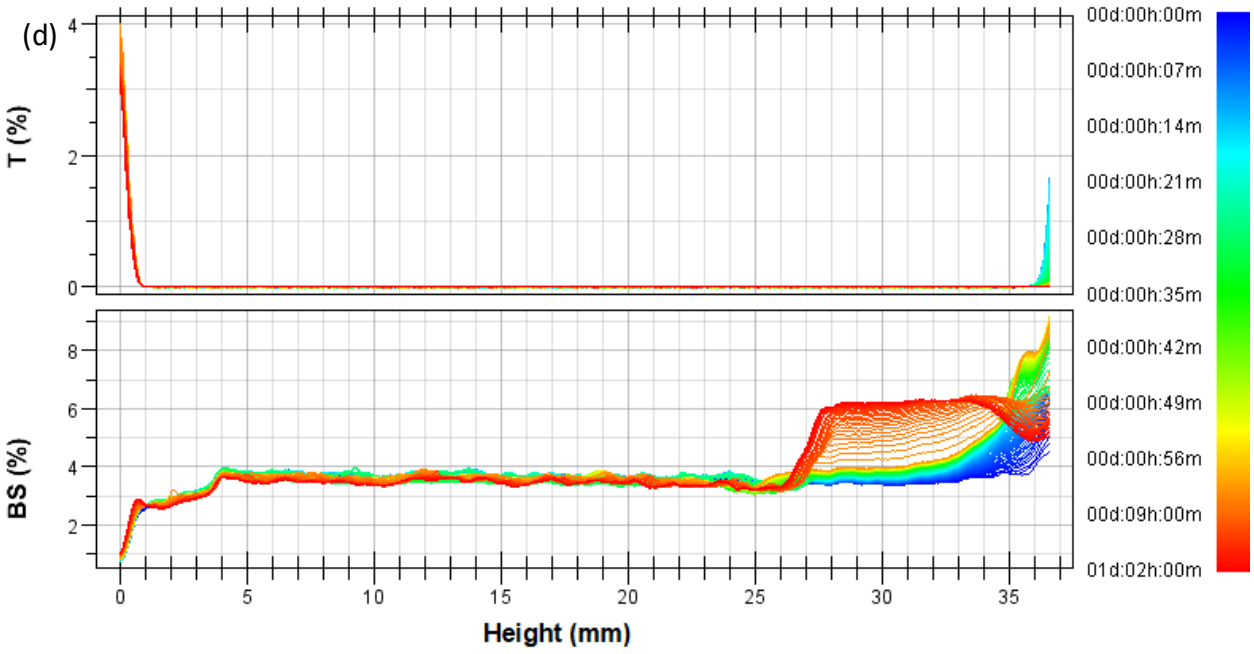
(d)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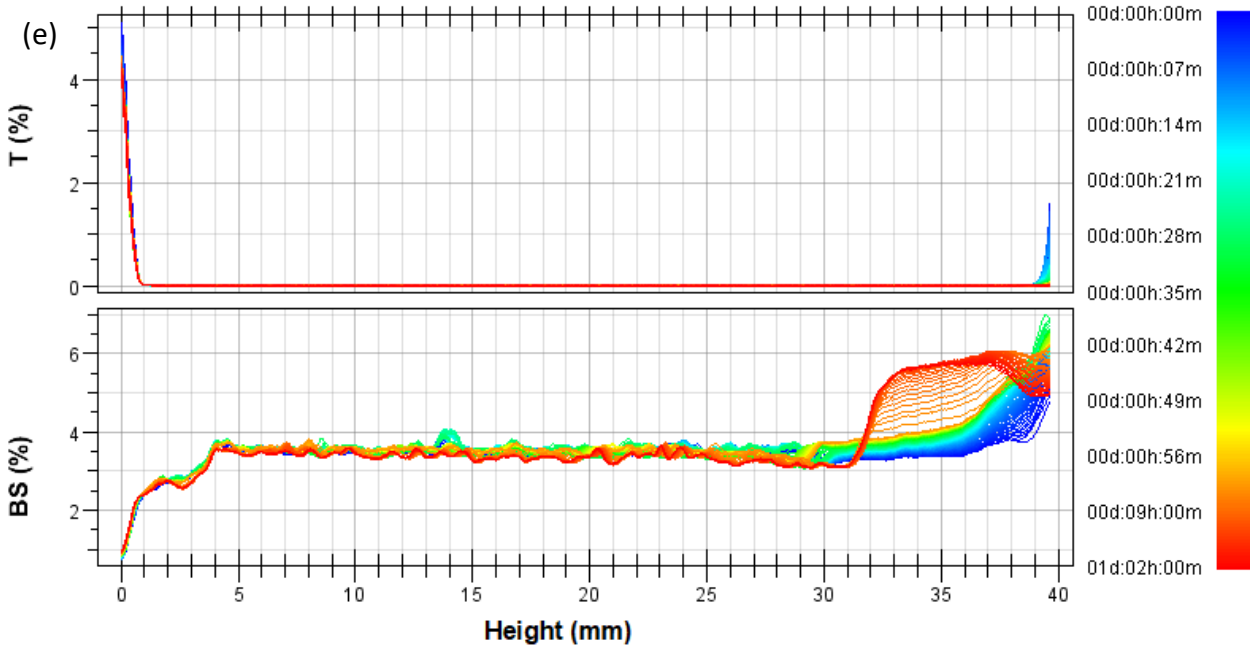
(e)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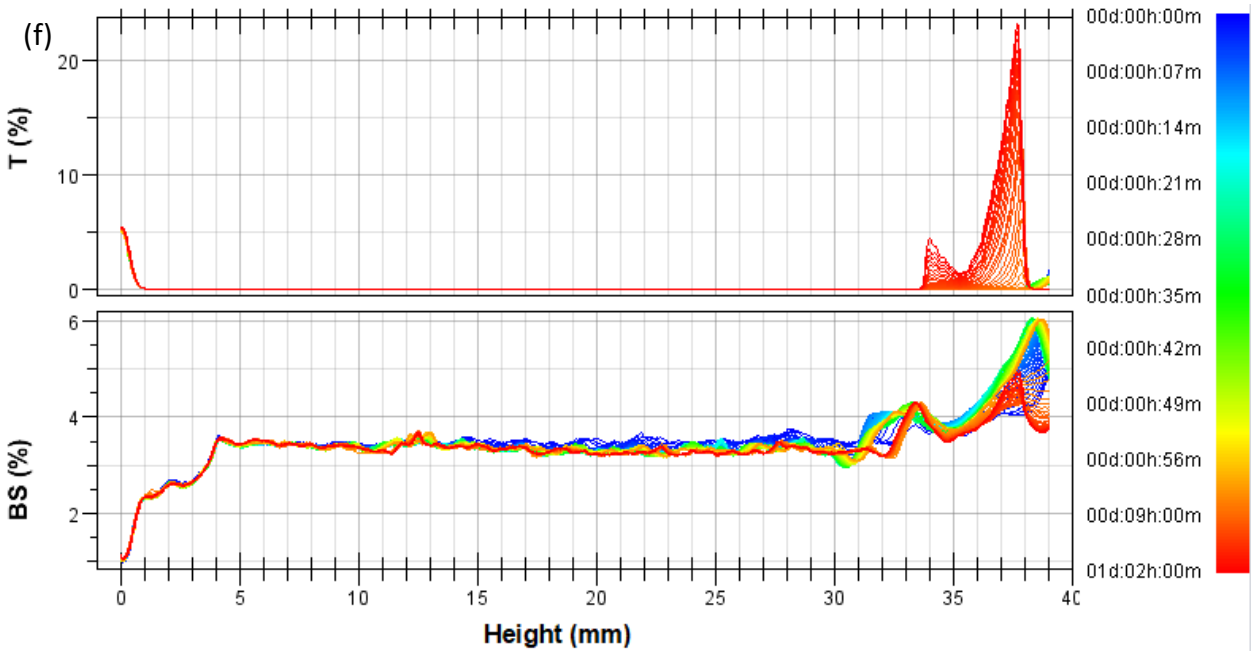

Fig. S1. Transmission (ΔT%) and backscattering (ΔBS) profiles at CL-1 dosages of a) 0, b) 0.05 wt. %, c) 0.10 wt.%, d) 0.25 wt.%. aAnd transmission (ΔT%) and backscattering (ΔBS) profiles in the presence of e) CL-4 and f) CL-10 (at 0.1 wt.% dosage).