

Hazardous Waste Management of Buffing Dust Collagen

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Table S1. BDC Dust characteristic characteristics.

SAMPLES	Elemental Analysis Pract. (teor.) (%)			IR ν_{\max} (cm^{-1})						Thermal Stability			
	Cr (Cr_2O_3)	N	S	$\nu(\text{O-H})$	$\nu(-\text{CH}_2-)$ (CH_3)	$\nu_{\text{as}}(\text{COO}^-)$	$\nu(\text{C=O})$	$\nu(-\text{C-O})$	$\nu(\text{Cr-O})$	T_5 ($^{\circ}\text{C}$)	T_{50} ($^{\circ}\text{C}$)	U_{150} (%)	P_{800} (%)
Dust-BDC	4.48	8.15	3.26	3461	2853	1410	1654	1345	528	80	310	7.8	12
-	Isoelectric point (IEP)			Particle size			The size of the fraction with the largest numerical share				% - Number		
	(-)			(nm)			(nm)				(%)		
Dust-BDC	5.9			295–664			469				31		

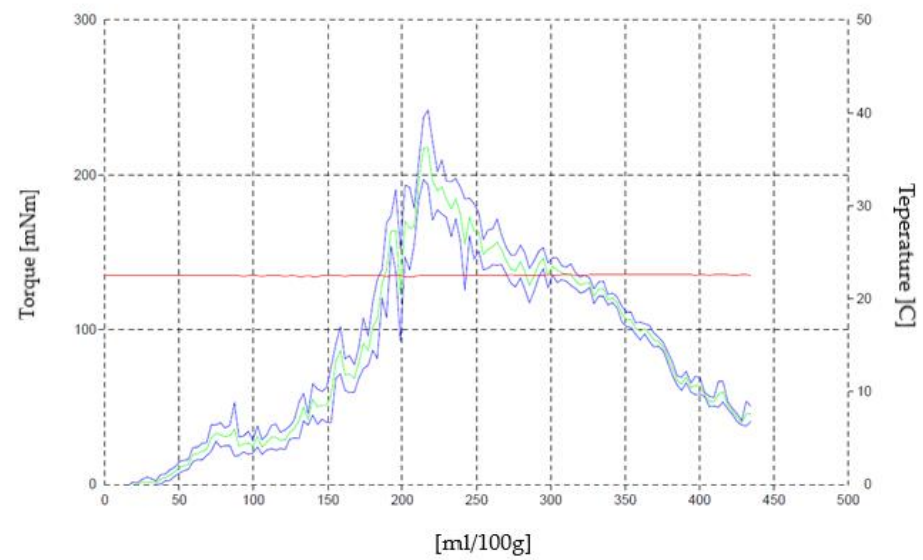


Figure S1. BDC Oil number (the sample weight was 4.3 g at 125 rpm and the dosing frequency was 4.0 mL/mL).