



National Centre for Physics (NCP)
NanoScience and Technology Department (NS&TD)

Proforma for Rotational Rheometry (Cone-Plate)

Name			
Affiliation			
Mobile Number		E-mail Address	
No. of Samples		Project Title	
Instructions	<ul style="list-style-type: none">• The nature of the sample (<i>e.g.</i>, hazardous, volatile, explosive) must be clearly specified.• Typically, 10-50 mL of sample is required in a properly sealed tube, placed in a ziplock bag.• Only Liquid, semi-solid, gel, or fine suspension samples are acceptable for analysis.		

Sample Details:

Sample Code/Label: -----	Chemical Composition: -----
Material Type	Polymer <input type="checkbox"/> Oil <input type="checkbox"/> Slurry <input type="checkbox"/> Paste <input type="checkbox"/> Other <input type="checkbox"/> -----
Physical State	Liquid <input type="checkbox"/> Semi-Solid <input type="checkbox"/> Gel <input type="checkbox"/> Suspension <input type="checkbox"/>
Hazard Info	Yes <input type="checkbox"/> No <input type="checkbox"/> specify (if any):

Test Conditions:

Shear Rate (s^{-1}): -----	Shear Stress (Pa): -----	Temperature ($^{\circ}C$): -----
Duration: -----	Frequency (Hz): -----	Other (specify): -----
Sample preparation (specify):		
Test Required (specify):	Additional Info:	

Date: _____

Signature: _____

For Office Use Only

Receiving Date _____

Analysis Date _____

File No. _____

Operator Name & Sign _____