Distributed By:					SI Analytics		
arg	camlat)				a xylem branc	
Que	estions for prepa	ring an of	fer for vis	cosity me	asurina		
syst	tems				Jubunng		
Do yo (Plea	ou require a kinematic ase note: Camlab are o	: (using glass t only able to su	ubes) or rota pply kinema	ational viscos tic systems)	ity system?		
Rega	arding application:	Please answe meet your rec	er as many qu quirements.	estions as pos	sible, to ensu	ure that our offer wil	
1	What kind of product/ products (polymers, oils, …) should be analyzed?						
	a)	b)		c)			
1.1	If sample is a polymer solution (e.g. PET, polyamide): Which solvent is used?						
	a)	b)		c)			
		,		,			
	Polymer concentrat	on					
	🗌 none (pure substa	nce)	□ 0.5 %				
	□ 1.0 %		□ 8.4 %				
	□ > 8.4 %		□ others:			%	
1.2	If sample isn't polymer solution: Which is absolute viscosity or viscosity range of your sample?						
	Approx. Viscosity =						
1.3	Does sample contai □ no	n particles or f	illers, e.g. gla	ass fibres in c	ase of reinfo	orced polymers?	
	□ yes:				(descripti	on of non-solubles)	
1.4	Are samples transpa	arent or opaqu	e / colour-int	ensive?			
2	Measuring temperat	ure					
2		□ 25	5°C	[□ 30°C		
	□ 37°C	□ 40	□ 40°C		□ 100°C		
	□ 135°C	□ ot	□ other temperature:		°C		
3	Flow time range you want to work, preferably?						
	□ max. 100 s	□ > 100 s to	max. 200 s		□ > 2	00 s	
4	Please mention any standard you work according to (if there is any):						
	□ other		<u></u>				
_		- 1					
5	How many samples	snould be mea	asured per da	ay (working sl	nift)?		
	□ 1−5	L 6 – 10		□ 11 – 2	20		

□ 21 – 50 □ more than 50

Regarding viscometry system: 6 Which instrument or instrument combination should be offered, preferably? □ Manual time measurement by stop watch □ ViscoClock *plus* □ AVS 370 system (PC controlled system) □ AVS 370 system for dilution series (for intrinsic viscosity only) □ AVS 470 (Stand alone system) □ AVSPro III In case of AVS 370: Configuration with or without waste system? □ Without waste system: For discharge and rinse, viscometer is taken out of the thermostat bath □ With waste system: Viscometer keeps installed during discharging / rinsing 7 How many measuring positions are required, for measurement at the same time? □ 1 $\square 2$ 4 8 8 Which detection system for flow time measurement should be applied, preferably? Optical (by light barriers) □ Thermal (by TC sensors) 9 What type of viscometer is preferred? DIN-Ubbelohde (DIN, ISO) □ ASTM-Ubbelohde (ASTM, ISO) □ DIN Micro-Ubbelohde □ Cannon-Fenske routine (ISO, ASTM) □ Cannon-Fenske opaque (DIN, ISO, ASTM) Ubbelohde for dilution series ☐ Micro-Ostwald 10 If known: preferred capillary size (here: sizes for DIN Ubbelohde viscometers, of course other sizes are possible for other) $\square 0$ □ 0c □ 0a 🗆 la □ IIc 🗌 Ila 🗌 Illa □ IVc 🗆 IVa $\Box V$ unknown 11 Which thermostat should be used, preferably? \Box CT 72/P (10 ... 60°C; 2 measuring positions) \Box CT 72/2 (up to 150°C; 2 measuring positions) \Box CT 72/4 (up to 150°C; 4 measuring positions) □ other Distributed By: Camlab Ltd Unit 24, Norman Way Industrial Estate Over, Cambridge, CB24 5WE, United Kingdom T: +44 (0) 1954 233 110 E: sales@camlab.co.uk 8 camlab

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