

Material Toray TC1200 UD C/PEEK, produced: 17-apr-2020 tape material, designated as C/PEEK
For specimen lay-up and cut: see 'Notes on friction tests'

Specimen	Type	Material	Test	Date	F_corr [N]	p [kPa]	V [mm/min]	T [deg C]	Wait t [min]	Comment
2-1	ply-ply	C/PEEK	Tc Shear	27-8-2020	-24.60	15	25	385	5	
2-2	ply-ply	C/PEEK	Shear	27-8-2020	-24.60	15	25	385	5	
2-3	ply-ply	C/PEEK	Shear	27-8-2020	-24.60	15	25	385	5	
2-4	ply-ply	C/PEEK	Shear	27-8-2020	-24.60	15	25	385	5	
2-5	ply-ply	C/PEEK	Shear	27-8-2020	-24.60	15	25	385	5	
2-6	ply-ply	C/PEEK	Shear	27-8-2020	-24.60	15	5	385	5	
2-7	ply-ply	C/PEEK	Shear	27-8-2020	-24.60	15	2	385	5	
2-8	ply-ply	C/PEEK	Shear	27-8-2020	-24.60	15	1	385	5	
2-9	ply-ply	C/PEEK	Shear	27-8-2020	-24.60	15	75	385	5	
2-10	ply-ply	C/PEEK	Shear	27-8-2020	-24.60	15	125	385	5	
2-11	ply-ply	C/PEEK	Shear	27-8-2020	-24.60	15	200	385	5	
2-12	ply-ply	C/PEEK	Stop&Go	27-8-2020	-24.60	15	25	385	5	Measured multiple peaks; not used
3-1	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	5	385	5	
3-2	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	10	385	5	
3-3	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	15	385	5	Paperclips not removed; data not used
3-4	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	15	385	5	
3-5	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	7.5	385	5	
3-6	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	6	385	5	
3-7	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	5	385	5	
3-8	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	5	385	5	
3-9	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	4	385	5	
3-10	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	3	385	5	
3-11	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	2	385	5	
3-12	ply-ply	C/PEEK	Shear	2-9-2020	-24.60	15	1	385	5	

7-1	ply-ply	C/PEEK	Stop&Go	26-10-2020	-24.60	15	25	385	5	~7.5 mm slip, velocity interrupted
7-2	ply-ply	C/PEEK	Stop&Go	26-10-2020	-24.60	15	25	385	5	~1 s waiting time
7-3	ply-ply	C/PEEK	Stop&Go	26-10-2020	-24.60	15	25	385	5	Immediately restarted
7-4	ply-ply	C/PEEK	Stop&Go	26-10-2020	-24.60	15	25	385	5	2 s waiting time
7-5	ply-ply	C/PEEK	Stop&Go	26-10-2020	-24.60	15	25	385	5	4 s waiting time
7-6	ply-ply	C/PEEK	Stop&Go	26-10-2020	-24.60	15	25	385	5	8 s waiting time
7-7	ply-ply	C/PEEK	Stop&Go	26-10-2020	-24.60	15	25	385	5	16 s waiting time

able

: useable

d, continued after certain waiting time