

Tensile Strength Certificate

Fibre type/code	Synthetic MP48	Report No	SWK1153-S
Batch No.	SW 105	Temperature	34°C
Test standard	rg\t	Air Humidity	78%
Length mm	48	Test Date	20-Sep-21
Aspect ratio l/d	53	Report date	21-Jul-22

Sample No	Equivalent diameter	Cross sectional area	Breaking force in Newtons	Tensile Strength N/mm ²
		mm ²	(N)	(MPa)
1	0.90	0.64	387.53	609.16
2	0.90	0.64	456.31	717.27
3	0.90	0.64	440.01	691.65
4	0.90	0.64	455.84	716.54
5	0.90	0.64	422.32	663.85
6	0.90	0.64	410.12	644.67
7	0.90	0.64	402.40	632.53
8	0.90	0.64	373.04	586.38
9	0.90	0.64	416.59	654.84
10	0.90	0.64	421.71	662.89
Average			346.49	657.98
Maximum			456.31	717.27
Minimum			373.04	586.38

