

Table 6-B-1 Properties for FM-73 (0.06 psf)

NOTES:

1. γ_{max} cut off at 1.00
2. Data based on cure conditions 250F (120°C) for 2 hours using autoclave pressure.
3. Reference - MDC 91B0330 page 12.0.2 Dated 30 June 1991. See AAP 7021.016-2, Section 7, Chapter 5 for cure cycle data.

Environment	τ_p MPa (psi)	G MPa (psi)	γ_{max}^1 mm/mm	γ_e mm/mm	γ_p mm/mm	Bondline Thickness mm (in)
-41°C (-41°F)/dry	49.9 (6,700)	480.2 (70,000)	.150	.096	.054	0.11 (.0045)
-41°C (-41°F)/sat	42.5 (6,200)	452.7 (66,000)	.150	.094	.056	0.11 (.0045)
RT/dry	35.3 (5,150)	353.2 (51,500)	.600	.100	.500	0.11 (.0045)
RT/sat	33.2 (4,845)	325.0 (47,380)	.756	.102	.654	0.11 (.0045)
85°C (185°F)/dry	21.9 (3,200)	132.4 (19,310)	1.000*	.165	.835	0.11 (.0045)
85°C (185°F)/sat	11 (1,610)	56.6 (8,240)	1.000*	.195	.805	0.11 (.0045)
105°C(220°F)/dry	15.7 (2,300)	17.1 (2,500)	1.000*	.920	.080	0.11 (.0045)