

		Experiments	η_M (Pa·s)	ρ_M (g/cm ³) (22°C)	η_L (Pa·s)	ρ_L (g/cm3)	η_{DL} (Pa·s)	ρ_{DL} (g/cm3)	V_s max (mm/s)
Homogeneous lithosphere		CC 7	47.667	1.420	30573.471	1.300	-	-	0.075
		CC 9	45.667	1.420	30573.471	1.300	-	-	0.061
		CC 12	41.926	1.420	31016.836	1.300	-	-	0.043
		CC 15	41.926	1.420	31016.836	1.300	-	-	0.027
		CC 19	44.383	1.420	30905.169	1.300	-	-	0.029
		OC 7	43.135	1.420	44865.408	1.488	-	-	0.062
		OC 9	44.382	1.420	44960.053	1.488	-	-	0.049
		OC 12	42.526	1.420	46491.692	1.488	-	-	0.070
		OC 15	43.136	1.420	46545.953	1.488	-	-	0.067
		OC 19	43.755	1.420	46515.496	1.488	-	-	0.040
Stratified lithosphere	High viscous decoupling layer	CC 10-5-3	44.383	1.420	29975.717	1.200	27.414	0.940	0.032
		CC 10-10-3	43.755	1.420	29398.219	1.143	27.367	0.940	0.019
		OC 10-5-3	43.755	1.420	40383.554	1.336	27.367	0.940	0.023
		OC 10-10-3	43.136	1.420	37533.214	1.250	27.319	0.940	0.021
	Intermediate viscous decoupling layer	CC 10-5-3	41.926	1.420	71910.979	1.341	178.090	1.447	0.044
		CC 10-10-3	42.526	1.420	78600.545	1.364	180.781	1.447	0.033
		OC 10-5-3	45.020	1.420	86039.628	1.476	191.979	1.447	0.037
		OC 10-10-3	45.667	1.420	110335.477	1.470	194.890	1.447	0.027
	Low viscous decoupling layer	CC 10-5-3	48.354	1.420	35472.933	1.333	48.354	1.420	0.025
		CC 10-10-3	49.759	1.420	38915.085	1.352	49.759	1.420	0.013
		OC 10-5-3	39.054	1.420	43222.958	1.335	39.054	1.420	0.032
		OC 10-10-3	42.526	1.420	43931.627	1.355	42.526	1.420	0.032

Table 1