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A
Dados experimentais

Matriz	Carga	Concent. (m_d/m_c)	Tam. (nm)	Razão de Aspecto	E (GPa)	Ref.
PU	–	–	–	–	0,004	[49]
PU	CNF	0,02	60	500	0,006	[49]
PU	CNF	0,1	60	500	0,022	[49]
PU	CNF	0,25	60	500	0,028	[49]
PP	–	–	–	–	0,71	[50]
PP	CaCO$_3$	0,05	44	1	0,71	[50]
PP	CaCO$_3$	0,1	44	1	0,74	[50]
PP	CaCO$_3$	0,15	44	1	0,81	[50]
PP	CaCO$_3$	0,15	44	1	0,78	[50]
PP	CaCO$_3$	0,15	44	1	0,76	[50]
PP	CaCO$_3$	0,15	44	1	0,74	[50]
PP	CaCO$_3$	0,2	44	1	0,84	[50]
iPP	–	–	–	–	1,437	[51]
iPP	CaCO$_3$	0,135068	160	1	1,691	[51]
iPP	CaCO$_3$	0,247934	160	1	1,871	[51]
iPP	CaCO$_3$	0,425868	160	1	1,973	[51]
iPP	CaCO$_3$	0,559779	220	1	2,697	[51]
iPP	CaCO$_3$	0,247934	370	1	1,682	[51]
iPP	CaCO$_3$	0,372974	370	1	1,785	[51]
iPP	CaCO$_3$	0,474052	370	1	2,44	[51]
iPP	CaCO$_3$	0,559779	560	1	2,867	[51]
PP	–	–	–	–	1,6	[10]
PP	CaCO$_3$	0,137352	44	1	2,7	[10]
PP	CaCO$_3$	0,137352	44	1	3	[10]
PP	CaCO$_3$	0,137352	44	1	2,5	[10]
PP	CaCO$_3$	0,242403	44	1	3	[10]
PP	CaCO$_3$	0,242403	44	1	2,6	[10]
PP	CaCO$_3$	0,242403	44	1	2,9	[10]
PP	CaCO$_3$	0,324431	44	1	2,6	[10]

Tabela A.1: Dados retirados de tabelas disponíveis na literatura.

Matriz	Carga	Concent. (m$_d$/m$_c$)	Tam. (nm)	Razão de Aspecto	E (GPa)	Ref.
PMMA	–	–	–	–	4,7	[52]
PMMA	CNF (PR21PS)	0,05	200	100	8	[52]
PMMA	CNF (PR21PS)	0,1	200	100	7,7	[52]
PMMA	CNF (PR24PS)	0,05	100	100	7,5	[52]
PMMA	CNF (PR24PS)	0,1	100	100	7,6	[52]
E–glass–PP	–	–	–	–	4,12	[53]
E–glass–PP	MMT (1,28E)	0,01	1	200	6,68	[53]
E–glass–PP	MMT (1,28E)	0,02	1	200	6,97	[53]
E–glass–PP	MMT (1,28E)	0,03	1	200	7,1	[53]
E–glass–PP	MMT (1,28E)	0,04	1	200	7,92	[53]
E–glass–PP	MMT (1,28E)	0,05	1	200	8,23	[53]
E–glass–PP	MMT (1,28E)	0,1	1	200	8,67	[53]
PMMA	–	–	–	–	1,35	[54]
PMMA	MMT (20A)	0,005	2,42	200	1,72	[54]
PMMA	MMT (20A)	0,01	2,42	200	1,48	[54]
PMMA	MMT (20A)	0,02	2,42	200	1,39	[54]
PMMA	MMT (20A)	0,005	2,42	200	1,28	[54]
PMMA	MMT (20A)	0,01	2,42	200	1,26	[54]
PMMA	MMT (20A)	0,02	2,42	200	1,24	[54]
Epoxy	–	–	–	–	2,599	[55]
Epoxy	CB	0,001	30	1	2,752	[55]
Epoxy	CB	0,003	30	1	2,796	[55]
Epoxy	CB	0,005	30	1	2,83	[55]
Epoxy	SWCNT	0,0005	2	500	2,681	[55]
Epoxy	SWCNT	0,001	2	500	2,691	[55]
Epoxy	SWCNT	0,003	2	500	2,812	[55]
Epoxy	DWCNT	0,001	2,8	500	2,785	[55]
Epoxy	DWCNT	0,003	2,8	500	2,885	[55]
Epoxy	DWCNT	0,005	2,8	500	2,79	[55]
Epoxy	DWCNT–NH$_2$	0,001	2,8	500	2,61	[55]
Epoxy	DWCNT–NH$_2$	0,003	2,8	500	2,944	[55]
Epoxy	DWCNT–NH$_2$	0,005	2,8	500	2,978	[55]
Epoxy	MWCNT	0,001	15	3333,3	2,78	[55]
Epoxy	MWCNT	0,003	15	3333,3	2,765	[55]
Epoxy	MWCNT	0,005	15	3333,3	2,609	[55]
Epoxy	MWCNT–NH$_2$	0,001	15	3333,3	2,884	[55]
Epoxy	MWCNT–NH$_2$	0,003	15	3333,3	2,819	[55]
Epoxy	MWCNT–NH$_2$	0,005	15	3333,3	2,82	[55]

Tabela A.2: Dados retirados de tabelas disponíveis na literatura. (continuação)

Matriz	Carga	Concent. (m_d/m_c)	Tam. (nm)	Razão de Aspecto	E (GPa)	Ref.
Epoxy	–	–	–	–	3,282	[9]
Epoxy	CB	0,1	30	1	3,297	[9]
Epoxy	DWNT	0,1	2,8	2500	3,352	[9]
Epoxy	DWNT–NH$_2$	0,1	2,8	2500	3,496	[9]
Epoxy	DWNT–NH$_2$	1	2,8	2500	3,508	[9]
UP	–	–	–	–	2,994631	[56]
UP	MMT Na+	0,02	1,17	100	3,087248	[56]
UP	MMT Na+	0,05	1,17	100	3,515436	[56]
UP	MMT Na+	0,08	1,17	100	3,230201	[56]
UP	MMT Na+	0,1	1,17	100	2,851678	[56]
UP	MMT (25A)	0,02	1,85	100	3,189262	[56]
UP	MMT (25A)	0,05	1,85	100	3,655034	[56]
UP	MMT (25A)	0,08	1,85	100	3,332886	[56]
UP	MMT (25A)	0,1	1,85	100	3,097315	[56]
UP	MMT (30B)	0,02	1,86	100	2,844295	[56]
UP	MMT (30B)	0,05	1,86	100	4,033557	[56]
UP	MMT (30B)	0,08	1,86	100	3,515436	[56]
UP	MMT (30B)	0,1	1,86	100	3,148322	[56]
PA6	–	–	–	–	20,17752	[57]
PA6	SiO$_2$	0,05	12	1	22,37711	[57]
PA6	SiO$_2$	0,1	12	1	24,19246	[57]
PP	–	–	–	–	1,390909	[57]
PP	SiO$_2$	0,01	12	1	1,421818	[57]
PP	SiO$_2$	0,025	12	1	1,492727	[57]
PP	SiO$_2$	0,05	12	1	1,565455	[57]
PP	SiO$_2$	0,075	12	1	1,614545	[57]
PP	SiO$_2$	0,1	12	1	1,690909	[57]
PP	SiO$_2$	0,15	12	1	1,8	[57]

Tabela A.3: Dados retirados de gráficos disponíveis na literatura.

Matriz	Carga	Concent. (m_d/m_c)	Tam. (nm)	Razão de Aspecto	E (GPa)	Ref.
PLLA (moldado)	–	–	–	–	1,855	[58]
PLLA (moldado)	g-HAP	0,02	20	5	2,34	[58]
PLLA (moldado)	g-HAP	0,04	20	5	2,553	[58]
PLLA (moldado)	g-HAP	0,06	20	5	2,553	[58]
PLLA (moldado)	g-HAP	0,08	20	5	2,644	[58]
PLLA (moldado)	g-HAP	0,1	20	5	2,68	[58]
PLLA (moldado)	g-HAP	0,15	20	5	2,98	[58]
PLLA (moldado)	g-HAP	0,2	20	5	3,161	[58]
PLLA (moldado)	HAP	0,02	20	5	2,34	[58]
PLLA (moldado)	HAP	0,04	20	5	2,42	[58]
PLLA (moldado)	HAP	0,06	20	5	2,526	[58]
PLLA (moldado)	HAP	0,08	20	5	2,631	[58]
PLLA (moldado)	HAP	0,1	20	5	2,651	[58]
PLLA (moldado)	HAP	0,15	20	5	2,954	[58]
PLLA (moldado)	HAP	0,2	20	5	3,051	[58]
PLLA (recozido)	–	–	–	–	3,064	[58]
PLLA (recozido)	HAP	0,02	20	5	3,257	[58]
PLLA (recozido)	HAP	0,04	20	5	3,201	[58]
PLLA (recozido)	HAP	0,06	20	5	3,311	[58]
PLLA (recozido)	HAP	0,08	20	5	3,533	[58]
PLLA (recozido)	HAP	0,1	20	5	3,617	[58]
PLLA (recozido)	HAP	0,15	20	5	3,641	[58]
PLLA (recozido)	HAP	0,2	20	5	3,851	[58]
PLLA (recozido)	g-HAP	0,02	20	5	3,233	[58]
PLLA (recozido)	g-HAP	0,04	20	5	3,286	[58]
PLLA (recozido)	g-HAP	0,06	20	5	3,365	[58]
PLLA (recozido)	g-HAP	0,08	20	5	3,557	[58]
PLLA (recozido)	g-HAP	0,1	20	5	3,514	[58]
PLLA (recozido)	g-HAP	0,15	20	5	3,832	[58]
PLLA (recozido)	g-HAP	0,2	20	5	3,988	[58]

Tabela A.4: Dados retirados de gráficos disponíveis na literatura. (continuação)