

Elast-Eon™ Properties

TEST	E5-130	E5-325*	E2A*	E2-945	E2-852	E2-860	E2-862	E4
Durometer Hardness	77A	82A	90A	50D	55D	65D	68D	80D
Tensile Strength, MPa	21	23	26	28	30	34	34	60
Elongation at Break, %	>700	>500	>450	>400	>300	>200	>200	25
Tensile Stress, 100% E, MPa	4	5	8	12	15	23	-	-
Tensile Stress, 200% E, MPa	5	7	10	15	18	-	-	-
Tensile Stress, 300% E, MPa	6	9	13	18	23	-	-	-
Modulus of Elasticity, MPa	11	15	35	115	360	650	650	-
Tear Strength, kN/m	45	60	80	97	129	-	-	-
Physical Form	Pellets	Pellets**	Pellets**	Pellets	Pellets	Pellets	Pellets	Pellets
Melt Temperature °C	175-185	180-185	195-200	220	210-215	210-215	210-215	185

* Can also be supplied in solution grade and is soluble in both THF and DMAc.

** Also supplied in dispersion form

*** Small speciality lab batches will incur a set-up fee.