



Elast-Eon™ Properties

TEST	E5-130	E5-325	E5-355	E2A	E2As	E2-945	E2-852
Durometer Hardness	77A	82A	87A	90A	90A	50D	55D
Tensile Strength, MPa	21	23	24	26	25	28	30
Elongation at Break, %	>700	>500	>450	>450	>450	>400	>300
Tensile Stress, 100% Elong., MPa	4	5	6	8	8	12	15
Tensile Stress, 200% Elong., MPa	5	7	8	10	10	15	18
Tensile Stress, 300% Elong., MPa	6	9	11	13	13	18	23
Modulus of Elasticity, MPa	11	15	27	35	35	115	360
Tear Strength, kN/m	45	60	68	80	75	97	129

All grades except E2A are suitable for solution processing (soluble in THF, DMAc, etc)

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