

Typical Properties for PNF™ Trial Formulations

		451	651	701	702	751D	752	801	802
PROPERTY	UNITS								
50% Modulus ⁽¹⁾	MPa(psi)	1.0 (150)	2.1 (300)	3.5 (500)	2.8 (400)	3.1 (450)	2.4 (350)	2.8 (400)	4.8 (700)
100% Modulus	MPa(psi)	2.8 (400)	5.5 (800)	8.3 (1200)	7.6 (1100)	7.6 (1100)	6.9 (1000)	7.6 (1100)	11.0 (1600)
Tensile Strength	MPa(psi)	8.6 (1200)	8.3 (1250)	11.0 (1600)	11.0 (1600)	11.0 (1600)	11.0 (1600)	10.3 (1500)	11.7 (1700)
Elongation at Break	%	200	180	120	130	140	150	130	100
Hardness ⁽²⁾	Shore A	45	65	70	70	75	75	80	82
Compression Set ⁽³⁾ 70 Hours @ 149°C (300°F)	%	25	50	25	25	30	30	30	30
Specific Gravity ⁽⁴⁾		1.75	1.77	1.78	1.78	1.78	1.78	1.80	1.80

Test Methods:

⁽¹⁾ ASTM D412, Method B

⁽²⁾ ASTM D2240

⁽³⁾ ASTM D385, Method B

⁽⁴⁾ ASTM D792