

PT FLEX SERIES "NEW & IMPROVED"

Physical Bulletin

PHYSICAL PROPERTIES

	Mix Ratio By Weight	Shore Hardness	Pour Time, 1-lb mix (min)	Demold Time at 78°F (hr)	Demold Time at 70°C (min)	Specific Gravity	Cured Color	Initial Mixed Viscosity (cP)	Specific Volume (in ³ /lb)	Shrinkage Upon Cure (in/in)	Tensile Strength (psi)	Elastic Modulus (psi)	Elongation (%)	Tear Strength (pli)
PT Flex														
PT Flex 20	1A:1B	A20	4	2	30	1.00	Tan	520	27.5	0.0050*	250	85	770	50
PT Flex 50	1A:1B	A50	5	2	30	1.03	Yellow/Amber	450	26.9	0.0020*	250	160	200	50
PT Flex 60	1A:1B	A60	5	2	30	1.03	Yellow/Amber	600	26.9	0.0025*	345	190	235	70
PT Flex 70	1A:1B	A70	4	2	30	1.05	Yellow/Amber	700	26.4	0.0046*	730	915	175	130
PT Flex 85	1A:1B	A85	5	2	30	1.06	Yellow/Amber	750	26.2	0.0016*	1064	2700	250	190
PT Flex D60	2A:1B	D60	10	16	ND	1.03	Amber	3,000	26.9	0.0024*	3140	52,020	130	790

*Shrinkage is primarily caused by gelling while hot then cooling. Parts that cure with minimal temperature rise exhibit minimal strength.

To obtain the physical properties reported above, cure schedule is 16 hours at 140°F (60°C).