



PTP COMPOSITE 5 YEAR PLAN

5 year plan

kit ID	Kit	Testing standards	2026	2027	2028	2029	2030
P-Tens-1	Tensile ET	EN 2561 (1995), EN 2597, EN 2747, ISO 527-5, ASTM D3039, AITM		x		x	
P-Tens-2	Tensile RT	1-0007	x	x	x	x	x
P-Tens-3	Tensile RT2	AITM 1-0007, EN 6035, ISO 527-4, ASTM D5766	x		x		x
P-Tens-4	Kit Tens Elastomer	ISO 37:2017 or ASTM D412-16	x	x	x	x	x
P-Tens-5	Tensile on Thermoplastic	ASTM D638, ISO 37:2017, ASTM D412, ISO 527-2	x		x		x
P-Tens-6	Flatwise Tensile	EN 2243-4 (2005), AITM 1-0025		x		x	
P-Tens-7	Tensile on Plastic sheets	ISO 527-3(2018), ASTM D882-18, ASTM D2370-16(2021)	x		x		x
P-Tens-8	Node Tensile	ASTM C363/C363M-16(2024)	x		x		x
P-Comp-1	Compression After Impact	AITM 1-0010 issue 03	x		x		x
P-Comp-2	Compression EN 2850 A	EN 2850 (2017)		x		x	
P-Comp-3	Compression EN 2850 B RT	EN 2850 (2017), ASTM D695-23	x	x	x	x	x
P-Comp-4	Compression EN 2850 B ET	EN 2850 (2017), ASTM D695-16	x		x		x
P-Comp-5	Compression A1	AITM 1-0008 issue 08	x		x		x
P-Comp-6	Compression A2	AITM 1-0008 issue 08		x		x	
P-Comp-7	Open Hole Compression	AITM 1-0008 B2 issue 8	x		x		x
P-Comp-8	Flatwise Compression	ASTM C365/C365M - 16	x		x		x
P-Comp-9	Compression on plastics	ASTM D695-23, ISO 604:2002	x	x	x	x	x
P-Mach-1	Machining	AITM - 0008 (8) B2		x		x	
P-Bend-1	Bending	EN 2562 (1997)	x	x	x	x	x
P-Bend-2	Bend Sandwich Core	AITM 1-0018, ASTM C393, ASTM D7249	x		x		x
P-Bend-3	Curved Beam	AITM 1-0069 issue 2	x		x		x
P-Bend-4	Bending on plastic	ISO 178	x		x		x
P-Shear-1	Interlaminar Shear Strenght (ILSS)	EN 2563 (1997), ASTM D2344, ISO 14130, EN 2377	x	x	x	x	
P-Shear-2	In Plain Shear (IPS)	ISO 14129 (1997), AITM 1-0002 issue 03		x		x	x
P-Shear-3	Single Lap Shear (SLS)	EN 2243-1 (2005), AITM 1-0019 issue 04 (procedure A)		x		x	
P-Shear-5	Shear Sandwich Core	ASTM C273/C273M-20	x		x		x
P-Peel-1	Climbing Drum Peel	EN 2243-3 (2005), ASTM D1781-98 (2021), AITM-0082		x		x	x
P-Peel-2	FR Peel	EN 2243-2 (2005)		x		x	
P-G1c-1	G1c (bonding)	AITM 1-0053 issue 06		x		x	
P-G1c-2	G1c (composite)	AITM 1-0005 issue 04	x		x		
P-G2c-1	G2c	AITM 1-0006 issue 02		x		x	x
P-DMA-1	DMA	EN 6032 (2015), AITM 1-0003 issue 04	x	x	x	x	
P-DSC-1	DSC	EN ISO 11357 (2023) and AITM 3-0008 issue 1	x	x	x	x	x
P-DSC-2	DSC 2	AITM 3-0027 issue 02	x		x		x
P-FC-1	FC and Density	EN 2564 (2018) - Method B	x	x	x	x	x
P-Poro-1	Porosity	AITM 4-0003	x	x	x	x	x
P-Bear-1	Bearing	AITM 1-0009 issue 04	x		x		x
P-Fire-1	Heat release	AITM 2-0006		x		x	x
P-Fire-2	Smoke	AITM 2-0007		x		x	
P-Fire-3	Tox	AITM 3-0005		x		x	
P-Fire-4	Flammability	AITM 2-0002 B (12s), AITM2-0003, 2-0004; 2-0005 and 2-0038		x		x	
P-Hard-1	Shore hardness (A and DIDC)	ISO 48-2:2018; ISO 48-4:2018; ASTM D2240-15(2021); ISO 868:2003	x	x	x	x	x