PTP COMPOSITE 5 YEAR PLAN

5 year plan

kit ID	Kit	Testing standards	2026	2027	2028	2029	2030	2031
P-Tens-1	**Tensile ET**	EN 2561 (1995), EN 2597, EN 2747, ISO 527-5, ASTM D3039, AITM 1-0007		x		x		x
P-Tens-2	**Tensile RT**		x	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	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		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-3	**Compression EN 2850 B RT**	EN 2850 (2017), ASTM D695-23	x	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		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	
P-Mach-1	**Machining**	AITM - 0008 (8) B2		x		x		x
P-Bend-1	**Bending**	EN 2562 (1997)	x	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		x
P-Shear-1	**Interlaminar Shear Strenght (ILSS)**	EN 2563 (1997), ASTM D2344, ISO 14130, EN 2377	x	x	x	x	x	x
P-Shear-2	**In Plain Shear (IPS)**	ISO 14129 (1997), AITM 1-0002 issue 03		x		x	x	x
P-Shear-3	**Single Lap Shear (SLS)**	EN 2243-1 (2005), AITM 1-0019 issue 04 (procedure A)		x		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	x
P-Peel-2	**Floating Roller Peel**	EN 2243-2 (2005)		x		x		x
P-Peel-3	**Mesh Peel**	AITM 2-0013 Issue 3, ASTM C794		x		x		x
P-G1c-1	**G1c (bonding)**	AITM 1-0053 issue 06		x		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	x	x
P-DSC-1	**DSC**	EN ISO 11357 (2023) and AITM 3-0008 issue 1	x	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	x
P-Poro-1	**Porosity**	AITM 4-0003	x	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		x	
P-Fire-3*	**Tox**	AITM 3-0005	x		x		x	
P-Fire-4*	**Flammability (Vertical)**	AITM 2-0002 B (12s), AITM2-0003, 2-0004; 2-0005 and 2-0038	x		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	x

* These kits aren't covred by our Cofrac accreditation