



Performance Coating Polyurethanes

» Aqueous and high solid range



TFL – Great chemicals. Excellent advice.



Aqueous and high solid range

Aqueous range	PU type	Solid content %	pH	100% Modulus (MPa) DIN53504:2009	Tensile strength (MPa) DIN53504:2009	Elongation % UNI EN ISO527-2:1997	Hardness shore A	Light fastness	Hydrolysis resistance	Chemical resistance	Application
PeVit™ XPU 5431	PES	50	8	1.05	6.5	1390	52	...	..	...	A/S
PeVit™ XPU 5432	PE	35	7.5	9	16	450	92	...	...	..	S/TF
PeVit™ XPU 5434	PE	35	8	<1	3	900	36	..	•	..	A
PeVit™ XPU 5435	PE	30	8	3	26.5	1090	75	..	...	..	A/S
PeVit™ XPU 5436	PES	54.5	8	<1	6	1150	58	...	...	...	A/S
PeVit™ XPU 5437	PES	30	8	8.5	14	400	90	...	..	...	PS/TF
PeVit™ XPU 5438	PE	35	8	8	22	685	91	...	..	..	PS/TF
PeVit™ XPU 5439	PES	30	8	10	18	400	90	...	..	..	PS/TF
PeVit™ XPU 5440	PE + PES	26	8	3	4	200	89	..	..	..	TF
PeVit™ XPU 5441	PE + PES	35	8	10	17	350	94	...	...	..	PS/TF

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PeVit™ XPU 5442	PE + PES	48	8.5	2.5	10	947	77	...	..	..	A
PeVit™ XPU 5443	PES	40	8.5	2	15	1000	50	..	•	..	A/S
PeVit™ XPU 5444	PE	52	8.5	1.5	8.5	1350	58	...	...	...	A/S
PeVit™ XPU 5450	PC	45	8.5	5	14	730	79	...	...	...	A
PeVit™ XPU 5454	PE	45	8	2.1	11	1240	74	...	...	...	A
PeVit™ XPU 5469	PE + PES	25	8	2	3	150	80	..	..	..	PS/TF
PeVit™ XCB 5421	PE + PES	46.5	8	3	10.5	840	74	...	...	...	PS/S/TF
PeVit™ XCB 5422	AC + PU	34	8	4.9	13	630	77	...	•	..	PS/S
PeVit™ XCB 5423	AC + PU	40	8	3.4	8.5	720	68	...	..	..	PS/S
PeVit™ XCB 5425	AC + PU	40.5	8.5	2.1	4	700	57	..	..	..	S
PeVit™ XCB 5428	AC + PU	36	8	1.3	3.5	>1170	48	..	..	..	A/S
PeVit™ XCB 5429	AC + PU	30.5	9	2.9	5	430	72	..	•	•	PS/S

High solid range	PU type	Solid content %	pH	100% Modulus (MPa) DIN53504:2009	Tensile strength (MPa) DIN53504:2009	Elongation % UNI EN ISO527-2:1997	Hardness shore A	Light fastness	Hydrolysis resistance	Chemical resistance	Application
PeVit™ HSPU 5562*	Aromatic PE	100	na	0.35	2.8	1280	/	•	...	..	S
PeVit™ HSPU 5564*	Aromatic PE	100	na	2.2	8.7	680	/	•	...	..	S
PeVit™ HSPU 5565*	Aromatic PE	100	na	2.0	6	400	/	•	...	..	S
PeVit™ HSPU 5567*	Aliphatic PE	100	na	1.3	7	930	/	...	...	...	S

PES is Polyester and PE is Polyether / A=Adhesion coat, S=Skin coat, PS= Preskin coat, TF=Top finishing / Product specifications are approximate and are just for comparison / Suggestions for the film characteristics are not part of product specifications ratings / ... Excellent .. Very good • Good
*after cross-linking with PeVit™ HSCl 5577



