

<b>XYLOPROP</b>  <b>Compounds for Injection Moulding</b>			XYLOPROP PP H50-500-14	XYLOPROP PP H50-800-14	XYLOPROP PP H50-500-14-KSI	XYLOPROP PP H60-500-14
			Wood Plastic Compound based on PP with 50% natural fiber content	Wood Plastic Compound based on PP with 50% natural fiber content	Wood Plastic Compound based on PP with 50% natural fiber content, impact modified	Wood Plastic Compound based on PP with 60% natural fiber content
Properties	Test Method	Unit	Value			
Polymer content	-	%	PP: 47	PP: 47	PP: 37	PP: 37
Fiber content	-	%	50	50	50	60
Additives content	-	%	3	3	13	3
Density	DIN EN ISO 1183	g/cm <sup>3</sup>	1,05	1,05	1,1	1,1
Melt Flow Rate (190°C, 21.6kg)	DIN EN ISO 1133	g/10min	60	-	40	44
Tensile strength	DIN EN ISO 527-1	MPa	33	33	30	40
Tensile elongation	DIN EN ISO 527-1	%	2,0	1,6	4,2	1,6
Young's tensile modulus	DIN EN ISO 527-1	MPa	4500	5100	3700	5600
Charpy impact strength	DIN EN ISO 179-1 (23°C)	kJ/m <sup>2</sup>	10,6	10	15,3	9,6
Charpy impact strength (notched)	DIN EN ISO 179-1 (23°C)	kJ/m <sup>2</sup>	3,4	3,6	5,2	2,9
Heat deflection temperature A (1,80MPa)	DIN EN ISO 75	°C	90	90	92	96

WPC is partly based on natural grown Fiber that's why the color appearance can differ. The typical properties are to be considered as representative of current production and should not be treated as specifications.

If stored under appropriate conditions (dry, at ambient temperature, original package unopened) minimum shelf life 2 years after date of production. Our leaflets, booklets and technical data serve for information and advice. All values are approximate values, and no liability can be derived therefrom. Please adapt product processing and application to the respective special conditions.

<b>XYLOPROP</b>  <b>Compounds for Injection Moulding</b>			XYLOPROP PLA H50-500-14	XYLOPROP rPP H50-800-14	XYLOPROP rPP H60-500-14
			Wood Plastic Compound based on biodegradable PLA with 50% natural fiber content	Wood Plastic Compound based on recycling PP with 50% natural fiber content	Wood Plastic Compound based on recycling PP with 60% natural fiber content
Properties	Test Method	Unit	Value		
Polymer content	-	%	PLA: 46	recycling PP: 47	recycling PP: 37
Fiber content	-	%	50	50	60
Additives content	-	%	4	3	3
Density	DIN EN ISO 1183	g/cm <sup>3</sup>	1,22	1,09	1,15
Melt Flow Rate (190°C, 21.6kg)	DIN EN ISO 1133	g/10min	44	-	-
Tensile strength	DIN EN ISO 527-1	MPa	42	39	45
Tensile elongation	DIN EN ISO 527-1	%	0,9	1,8	1,5
Young's tensile modulus	DIN EN ISO 527-1	MPa	7900	4400	5500
Charpy impact strength	DIN EN ISO 179-1 (23°C)	kJ/m <sup>2</sup>	8,0	13,6	11,2
Charpy impact strength (notched)	DIN EN ISO 179-1 (23°C)	kJ/m <sup>2</sup>	2,2	3,4	2,8
Heat deflection temperature A (1,80MPa)	DIN EN ISO 75	°C	57	-	-

WPC is partly based on natural grown Fiber that's why the color appearance can differ. The typical properties are to be considered as representative of current production and should not be treated as specifications.

If stored under appropriate conditions (dry, at ambient temperature, original package unopened) minimum shelf life 2 years after date of production. Our leaflets, booklets and technical data serve for information and advice. All values are approximate values, and no liability can be derived therefrom. Please adapt product processing and application to the respective special conditions.