

XYLOPROP Compounds for Extrusion			XYLOPROP PE H50-800	XYLOPROP PE H70-800	XYLOPROP PP H60-800	XYLOPROP PP H70-800
			Wood Plastic Compound based on PE with 50% natural fiber content	Wood Plastic Compound based on PE with 70% natural fiber content	Wood Plastic Compound based on PP with 60% natural fiber content	Wood Plastic Compound based on PP with 70% natural fiber content
Properties	Test Method	Unit	Value			
Polymer content	-	%	PE: 47	PE: 27	PP: 37	PP: 27
Fiber content	-	%	50	70	60	70
Additives content	-	%	3	3	3	3
Density	DIN EN ISO 1183	g/cm ³	1,05	1,15	1,1	1,15
Melt Flow Rate (190°C, 21.6kg)	DIN EN ISO 1133	g/10min	6	3	13	2
Tensile strength	DIN EN ISO 527-1	MPa	38	32	36	33
Tensile elongation	DIN EN ISO 527-1	%	2,9	2,1	2,3	1,7
Young's tensile modulus	DIN EN ISO 527-1	MPa	4400	5800	4600	6000
Charpy impact strength	DIN EN ISO 179-1 (23°C)	kJ/m ²	13,8	8,8	12,5	7,6
Charpy impact strength (notched)	DIN EN ISO 179-1 (23°C)	kJ/m ²	4,8	4,7	4,9	3,8
Heat deflection temperature A (1,80MPa)	DIN EN ISO 75	°C	97	104	115	119

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.