

Property	Based	Method	Remark	Typical value	
Density	CEN/TS 15534	EN ISO 1183		1,25 -1,30 g/cm <sup>3</sup>	
Linear thermal expansion coefficient (between 60 °C and -20 °C)	CEN/TS 15534	DIN 53752		0,10 mm / m°C	
Water Absorption After keeping in water for 24 hour	CEN/TS 15534	DIN EN 317	Volume	No Volumetric Change	
			Mass	> 2 %	
Dimensional stability and water absorption after 28 days immersion in normal water (23 °C)	CEN/TS 15534	DIN EN 317	Water absorption	4%	
			Thickness swelling	1,5%	
			Expansion in Width	0,7%	
			Expansion in Length	0,3%	
Formula Ratio			HDPE ( High Density Polyethylene ) Plastic	Virgin %30 Recycled %70	35%
			Wood Powder		55%
			Additives ( UV , Stabilizer )		10%
Fire Class	CEN/TS 15534	EN 13501-1		Dfi	
Fire Resistance	CEN/TS 15534	EN ISO 11925-2 t= 15s -20s	Whether the flame tip reaches 150mm above the flame application point	No	
			Whether ignition occurs	No	
			presence of flaming droplets/particles which cause ignition of the filter paper	No	
Durability Of Wood And Wood Based Products	CEN/TS 15534	ISO EN 350-1	Against Fungus	Resistant	
		ISO EN 350-1	Against Termite	Resistant	
		ISO EN 350-1	Against insect larvae	Resistant	

