

Parameter	Unit	Requirements TY 5536-003-50113531-2005					Tests according to standards
Thickness	mm	>6 <9,0	>9,0 <12,0	>12,0 <19,0	>19,0 <30,0	>30,0 <45,00	
Density	kg/m <sup>3</sup>	For MDF-720÷980 HDF-840÷980 LDF-600÷800					GOST 10634
Winding resistance, min	MPa	23	22	20	18	17	GOST 10635
Expanding resistance at right angle to face, min	MPa	0,65	0,60	0,55	0,55	0,50	GOST 10636
Swelling thickness during 24 hours, (for MDF, HDF), max	%	17	15	12	10	8	GOST 10634
Swelling thickness during 24 hours, (for LDF), max	%	30	20	20	17	17	GOST 10634
Modulus of elasticity at static curve, min	MPa	For MDF-1700 HDF-2300 LDF-1700					GOST 10635
Specific resistance of the outside layer to tear off, min	MPa	For MDF-0,8 HDF-0,9 LDF-0,6					GOST 23234
Formaldehyde presence	mg/100 g. s.m.	≤8					GOST 27678
Mineral impurities presence	%	≤0,2					Method of incineration and etching of the standard sample in the hydrochloric acid
Humidity	%	from 3 to 10					GOST 10634
Dimensional deviations of thickness mm	mm	±0,3					GOST 27680
Dimensional deviations of length and width	%	±5					GOST 27680
Dimensions from the right angle mm/m	mm/m	≤2					GOST 27680
Dimensions from the edge straightforwardness	mm/m	≤2					GOST 27680