

## Sizes and number of samples

Norm	Test method	Number of samples	Length	Width	Thickness	Remarks
		-	mm	mm	mm	
ISO 1716	Determination of the gross heat of combustion of solids					30g of crumbled material or 500g of unground material
PN-EN ISO 1182 FTP, part 1	Non-combustibility test of materials	5				Samples in the shape of a cylinder $\varnothing=45-2$ mm h=50±3 mm
PN- EN ISO 4589-2	Determination of burning behavior by oxygen index	30	80÷150	10±0,5	4±0,5	for formed materials
		30	80÷150	10±0,5	10±0,5	for porous materials
		30	80÷150	10±0,5	max.10,5	for materials in the form of plates "without treatment"
		30	70÷150	6,5±0,5	3±0,25	alternative size for rigid, formed materials or plates for electro technical purposes
		30	140 <sup>-5</sup>	52±0,5	Max. 10,5	for flexible foils or plates
		30	140÷200	20	0,02÷0,10	for thin foils "without treatment", restricted to foils which can be wounded on particular rod
PN-EN ISO 11925-2	Test of ignitability of materials	12	250 <sup>-1</sup>	90 <sup>-1</sup>	90 <sup>-1</sup>	6 towards groundwork and 6 towards thread
PN-EN ISO 6940 DIN 53438-2,3	Determination of ease of ignition of vertically oriented specimens	12	200	80	80	6 towards groundwork and 6 towards thread
PN-EN ISO 6941	Measurement of flame spread properties of vertically oriented specimens	12	560	170	170	
Appendix nr 8 Regulation 118 EKG ONZ (Journal of Laws UE No. L 177/263:2010)	Determination of vertical index of combustibility of materials					

FTP, part 7	Determination of ease of ignition of vertically oriented specimens	10	220	170		5 towards groundwork and 5 towards thread
FTP, part 8	Determination of ease of ignition of upholstered furniture	2	800 <sup>+10</sup>	650 <sup>+10</sup>		covering and separating material
PN-EN 1021-1, 2		2	450±5	300±5	75±2	upholstery filling
		2	450±5	150±5	75±2	
FTP, part 9	Assessment of the ignitability of bedding items	5	450±5	350±5		
PN-EN ISO 12952-2,4						
PN-EN 597-1,2						
FTP, part 5	Combustibility surface test of finishing materials, floorings, bulkheads and decks	4	800 <sup>-5</sup>	155 <sup>-5</sup>	<50	
ISO 5658						

PN-EN ISO 9239-1	Determination of flame spread on floorings	6	1050±5	250±5	<60	for flexible-3 towards groundwork and 3 towards thread
		4		230±5	<60	for hard floorings – foe example wooden floor
FTP, part 2	Determination of smoke generating of materials and emission of products of their thermal decomposition and combustion	15	75±1	75±1	<25	

PN-B-02855	Testing the toxicity of the products of decomposition and combustion	1	400	400	400	or 400g of unground material
NF X70-100-1, 2						
ISO 5660-1	Assessing the heat release rate	10	100±1	100±1	<50	
ISO 5660-2	Assessing the smoke production rate and emission of products of their thermal decomposition and combustion (dynamic measurement)					
BS 5852	Testing the whole furniture					2 complete armchairs
PN-EN 45545-2, annex B						
PN-EN 13823	Testing the reaction to fire of wall elements	3	500	1500	<200	
		3	1000	1500	<200	
PN ISO 3795	Determining the horizontal burning rate of materials used in the occupant compartment of vehicles	5 crosswise	350	100	<13	
Appendix nr 6 Regulation 118 EKG ONZ (Dz. U. UE nr L 177/263:2010 )		5 longwise				
DIN 4102-16	Testing reaction to fire of materials by a method of "Brandschacht" (fire shaft)	13	1000	190	<80	minimum number of samples