

Formica® VGS Grade Laminate: Physical Properties

Property Test Method	EN 438-2	Typical Value	Specification Limit
Wear resistance	6	450 revolutions	150 minimum
Boiling water resistance	7	9.0% mass 9.0% thickness	11.8 maximum 14.0 maximum
Dry heat resistance	8	Rating 5	-----
Dimensional stability at elevated temperature	9	L 0.24% T 0.76%	0.63 maximum 1.12 maximum
Dimensional stability at ambient temperature	10	L 0.09% T 0.37%	0.42 maximum 0.68 maximum
Impact resistance	11	28 Newtons	15 minimum
Cracking resistance	13	Rating 5	4 minimum
Scratch resistance	14	4.0 Newtons	1.75 minimum
Stain resistance	15	(Reagents 1+2) 5 (Reagents 3+4) 5	5 minimum 4 minimum
Lightfastness	16	Wool standard 7	6 minimum
Cigarette resistance	18	Rating 4	-----
Steam resistance	24	Rating 5	4 minimum