

Specification for IS 17629 -Surgical caps

Test Parameter	International / Indian Standard	Sample Requirement	Turn Around Time
Manufacture	IS 17629 Clause 4.0	One full pack	2 days
Workmanship and finish	IS 17629 Clause 5.0		
Washing, drying and handling Instruction	IS 17629 Clause 6.0		
Packing	IS 17629 Clause 8.0		
Marking	IS 17629 Clause 9.0		
Tensile strength (dry) (N)	IS 15891-3 / IS 1969-1	(25 cm X 5 cm) size of nonwoven in 30 Nos (or) 0.5 m ²	3 days
Tensile strength (wet) (N)	IS 15891-3 / IS 1969-1		
Bursting strength (dry) (kPa)	IS 1966	20 Surgical caps	
Bursting strength (wet) (kPa)	IS 1966		
Particle release [log ₁₀ (lint count)]	IS 15891-10	(28.5 cm X 22 cm) size of nonwoven in 20 Nos(or) 1.0 m ²	
Resistance to microbial penetration — Dry	IS 16548	25 Surgical caps	7 days
Cleanliness – Microbial	ISO 11737 part 1		
Moisture vapour transmission rate	IS 17376	1 sq.mtr	2 days