

S.N.	Item	Description	Reference IS Code
1	Material of Rain Coat with Cap/hood and separate water proof trouser	Light duty (Nylon Base) (Type LN) coated with PVC	As per IS :3322 (Part-1)-1987 or latest
2	Total mass per unit area, g/m ² Min	270	As per IS 3322:1987 or latest and tested as per IS 7016 (Part - I) 1982 (reaffirmment-2012) or latest.
3	Tear Strength in N, Min: a) Longitudinal direction b) Transverse Direction	10 10	As per IS 7016 (Part - 3)/1981 or latest.
4	Breaking Strength in kg/5cm, Min: a) Longitudinal direction b) Transverse Direction	100 100	Tested as per as per IS 7016 (Part-II) /1981 or latest.
5	Flex Cracking, number of cycles, Min ,	Shall exhibit no cracking after 500000 cycles	Tested as per IS:7016 (Part-4)-1973 or latest
6	Coating adhesion not more than 10mm separation of the plies under load , kg, Min:	1.8	Tested as per IS:7016(Part-5), 1973 or latest
7	Resistance to water penetration in cm head of water, Min	150	Tested as per IS 7016 (Part-7) 1986 or latest on fabric and joints at taped portion.
8	Heat aging ,mass loss of coating, percentage, Max:	5	Tested as per IS 7016(Part-8)-1975 or latest
9	Cold cracks in °C, Max:	-20	Tested as per IS: 7016(Part-10)-1981 or latest
10	Fusion	No cracking or disintegration of face coating separation without damage to coating	As per appendix "A" of IS:3322(Part-1)-1987 or latest
11	Blocking	Separation without damage to coating	As per IS :7016(Part-9)-1981 or latest
12	Colour fastness to light, Min:	4	As per appendix B of IS :3322(Part-1)-1987
13	Colour fastness to rubbing, Min:	Coating shall not stain	Tested as per appendix "C" of IS:3322(Part-1)-1987 or latest
14	Jacket-Pocket	02 Nos. of pocket of 6x6 inches size with flap on front side of jacket (ensuring proper water proofness of jacket) at the waist level i.e. lower side of jacket.	
15	Sleeve	Baggies Style	