

[Page 3, Table 1 (see also Amendment No. 1)] — Substitute the following table for the existing:

Table 1 Requirements for Type I (LDPE/LDPE) Polyethylene (PE) Film/Sheet
(Clause 6.1)

Sl No.	Characteristic	Thickness of Film Sheet, μm												Method of Test, Ref to IS No./Annex
		100	125	150	175	200	225	250	275	300	350	400	450	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
i)	Tensile strength at break, Min. kg/cm^2 :													IS 13360 (Part 5/Sec 1) and IS 13360 (Part 5/ Sec 3)
	a) Machine direction	200	200	200	200	200	200	200	200	200	200	200	200	Test Conditions for 100 to 225 μm — Specimen Type 2, test speed 500 mm/min
	b) Transverse direction	190	190	190	190	190	190	190	190	190	190	190	190	Test Conditions for 250 to 450 μm — Specimen Type 5, test speed 100 mm/min
ii)	Elongation at break, Min. percent :													-do-
	a) Machine direction	460	460	460	460	460	460	600	600	600	600	600	600	
	b) Transverse direction	615	615	615	615	615	615	700	700	700	700	700	700	
iii)	Ageing test at $70 \pm 1^\circ\text{C}$ for 7 days	Maximum 30 percent reduction of original values of tensile strength												Clause 4 of IS 7016 (Part 5) followed by IS 13360 (Part 5/Sec 1) and IS 13360 (Part 5/ Sec 3) (Test Conditions for 100 to 225 μm — Specimen Type 2, test speed 500 mm/min and Test Conditions for 250 to 450 μm — Specimen Type 5, test speed 100 mm/min)
iv)	Dart impact strength, Min. gmf	230	288	345	403	460	518	575	633	690	805	920	1 035	Method B of IS 13360 (Part 3/Sec 5), Height 1.50 m, Dart Diameter 50 mm
v)	Tear resistance, Min. gmf													IS 13360 (Part 5/ Sec 23)
	a) Machine direction	700	875	1 050	1 225	1 400	1 575	1 750	1 925	2 100	2 450	2 800	3 150	
	b) Transverse direction	1 000	1 250	1 500	1 750	2 000	2 250	2 500	2 750	3 000	3 500	4 000	4 500	
NOTE — Machine Direction (MD) and Transverse Direction (TD) average values should be on the basis of five test specimens in each direction.														