

Technical Data Sheet

Product –7 layers Greenhouse Cladding Films

Ref No – QAD-TR-15

Grade – GreenPro Cool

Properties – U.V Stabilized + Anti Dust + Anti Drip + Pesticide resistant (Chlorine & Sulphur)

Appearance -White Translucent

Test Method -IS 15827 2019

Sr No	Specification	Standard	Units	Value
1	Thickness	IS 13360 (Part 3/Sec 6): 2000	Microns	200
2	Tensile Strength	IS 13360 (Part 5/Sec 3): 1996		
2a	MD		MPa	31
2b	TD		MPa	32
3	% Elongation at Break			
3a	MD		%	1147
3b	TD		%	1145
4	Free falling Dart Impact – Method B	IS 13360 (Part 5/Sec 6): 1996	gms	>1700
5	Tear Strength - N/mm	IS 13360 (Part 5/Sec 10): 1996	N/ mm	
5a	MD			72.5
5b	TD			77.5
6	Total Light transmittance	IS 13360 (part 9 / sec 5)	%	86
7	Light Diffusion	IS 13360 (part 9 / sec 5)	%	80-85
8	UV STABILIZATION against exposure to 180 kly	Inhouse		3 years
9	Anti Drip	Inhouse		Yes (Subjective to design of structure)
10	Anti dust	Inhouse		Yes (Periodical washing of films)