

	BLOWING AGENT							MLA GROUP
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TYPICAL PHYSIO-CHEMICAL PROPERTIES

PROPERTIES	UNIT	ADC- L2	ADC- F-2	ADC- F-1	ADC- EVA-08	ADC- EV-L	ADC- PT-L	ADC- 5A06	ADC- 14D
Odour	--	Odorless	Odorless	Odorless	Odorless	Odorless	Odorless	Odorless	Odorless
Average Particle Size	micron	8.0-10.0	6.0-8.0	4.0- 5.0	8.0 - 9.0	10 - 11	9 - 10	9.8 - 10.2	6.0 - 6.5
pH Value	-	7.0 - 7.5	7.0 - 7.5	7.0-7.5	7.5 - 8.0	8.0 - 8.5	7.5 - 8.5	7.3 7.7	7.5 - 8.0
Moisture	%max.	0.30	0.30	0.3	0.80	1.0	1.0	1.0	1.0
Decomposition Temp.	°C	198 ± 2	198 ± 2	198 ± 1	175 ± 2	124 ± 2	120 ± 2	200 ± 2	150 ± 2
Gas composition	--	N ₂ & CO	N ₂ & CO	N ₂ & CO	N ₂ & CO	N ₂ & CO	N ₂ & CO	N ₂ & CO	N ₂ & CO
Gas evolution	Cc/gm	225 ± 5	220 ± 5	220 ± 5	180 -190	118 - 122	103 - 107	218 -222	138 - 142
300 mesh residue	% max	Nil	Nil	Nil	0.20	1.0	1.0	Nil	1.0
Colour	--	Pale yellow powder							
Packing	Kg/bag	25	25	25	25	25	25	25	25

* At the time of packing.

APPLICATIONS OF ADC DIFFERENT GRADES

1. ADC F-1 : PVC leather, expanded foams (packing , insulation etc)
2. ADC F-2 : PVC footwear, EVA and LD sheets, PVC leather
3. ADC L2 : EVA and LD sheets, blocks, expanded foams, XLPE foams
4. ADC EV : EVA and LD footwear and sheets
5. ADC PT : Cheap quality EVA / LD / NR mixed moulded footwear sheets

6. 5A06 / 14 D : EVA injection grade compounding

7. EVA 08: EVA injection grade compounding

- The above are basic grades , many other grades with varying decomposition temperatures and gas evolution patterns are available
- Customized grades can be made available as per customer's requirement by our in-house R&D which is recognized by the government of INDIA and equipped with a plastics lab

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