ADVANCE FILTER PAPER TECHNOLOGY

Impregnated Filter Papers for Automotive Industries

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Technical DataSheet - FilterPaperGrades

Sl No.	Application Area	Grade	GSM (cured filter paper)	Max Pore Size (in micron)	Mean Pore Size (in microns)	Burst Strength (kg/cm²)	Air Resistance (400cm³/sec per 10cm² at 24 LPM-MMWg)	Air Permeability (litre/second/ m²)	Micron Rating	Type of Resin
1	Air - White	AD/ IMP/101	135 ± 5	110 (Max)	85 ± 8	> 2.2	12 ± 2	571 - 900	22 - 26	Non- Cured
2	Air - White Medium Duty	AD/ IMP/102	120 ± 7	85 (Max)	65 ± 7	> 2.0	30 ± 6	270 ± 50	17 ± 3	Non- Cured
3	Air - White Heavy Duty	AD/ IMP/103	145 ± 7	80 (Max)	60 ± 7	> 2.5	34 ± 6	240 ± 45	16 ± 3	Non- Cured
4	Air - White Fine Filtration	AD/ IMP/104	140 ± 6	55 (Max)	40 ± 7	> 2.5	60 ± 10	115 - 160	12 ± 2	Non- Cured
5	Air - Yellow	AD/ IMP/105	130 ± 8	87 (Max)	70 ± 8	> 2.5	31 ± 6	270 ± 50	22 ± 2	Novalac
6	Air - Yellow	AD/ IMP/106	145 ± 8	80 (Max)	60 ± 7	> 2.5	34 ± 6	240 ± 45	16 ± 3	Novalac
7	Air - Yellow	AD/ IMP/107	130 ± 7	100 (Max)	80 ± 8	> 2.2	16 ± 4	400 - 666	23 ± 2	Novalac
8	Air - Yellow	AD/ IMP/108	110 ± 8	110 (Max)	85 ± 8	> 2.2	14 ± 3	600 ± 110	23 ± 3	Novalac
9	Fuel Heavy Duty	AD/ IMP/ F/ 115	125 ± 5	115 (Max)	85 ± 8	> 2.2	11 ± 2	615 - 900	22 - 26	Novalac/ Resol
10	Heavy Duty Fuel/ Hydraulic	AD/ IMP/ H/ F/ 116	185 ± 5	50 ± 7	45 ± 5	> 3.0	160 ± 25	43 - 60	10 ± 2	Novalac/ Resol
11	Fuel	AD/ IMP/ F/ 117	155 ± 8	55 (Max)	40 ± 6	> 2.75	90 ± 15	90 ± 15	10 - 13	Novalac/ Resol
12	Fuel - Fine Filtration	AD/ IMP/ F/ 118	130 ± 5	55 (Max)	40 ± 5	> 2.5	85 ± 15	80 - 115	10 - 13	Novalac/ Resol
13	Low Micron Fine Filtration	AD/ IMP /H/ 119	135 ± 7	45 ± 5	30 ± 6	> 2.5	180 ± 25	39 - 52	8 ± 2	Novalac/ Resol
14	Hydraulic / Lube	AD/ IMP /H/ 120	135 ± 8	30 (Max)	15 ± 6	> 2.5	300 ± 50	23 - 32	3 - 6	Novalac
15	Lube Long Life	AD/ IMP /L/ 121	185 ± 10	100 (Max)	85 ± 8	> 2.5	19 ± 2	380 - 470	21 - 24	Novalac
16	Lube Heavy Duty	AD/ IMP /L/ 122	175 ± 5	110 (Max)	90 ± 8	> 2.5	12 ± 3	550 - 900	22 - 26	Novalac

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17	Lube Medium Duty	AD/ IMP /L/ 109	170 ± 8	85 (Max)	70 ± 7	> 2.75	32 ± 5	250 ± 50	20 ± 3	Novalac
18	Lube	AD/ IMP /L/ 110	152 ± 7	105 (Max)	80 ± 8	> 2.5	16 ± 4	400 - 666	21 - 25	Novalac
19	Lube	AD/ IMP /L/ 111	145 ± 7	80 (Max)	61 ± 7	> 2.5	34 ± 6	240 ± 45	16 ± 2	Novalac
20	Lube	AD/ IMP /L/ 112	130 ± 8	90 (Max)	70 ± 8	> 2.5	31 ± 6	270 ± 50	22 ± 2	Novalac
21	Lube	AD/ IMP /L/ 113	130 ± 5	115 (Max)	85 ± 8	> 2.2	11 ± 2	615 - 900	22 - 26	Novalac
22	Lube	AD/ IMP /L/ 114	110 ± 8	100 (Max)	82 ± 8	> 1.5	20 ± 6	307 - 571	22 ± 2	Novalac

NOTES:

1. Water Repellent properties available for all grades of papers.
2. The information mentioned above is general information about the grades.
3. The grades designated as Non-Cured do not require curing after pleating.

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