

EDAPLAN & METOLAT Guide Formulations for Carbon Blacks

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Pigment Black 7 - Carbon Black

	Printex 30 (Orion)	Printex G (Orion)	Printex L 6 (Orion)	Farbruß FW 200 (Orion)	Farbruß FW 285 (Orion)		
Water demin.	46.65	46.90	54.40	67.80	68.60	69.20	61.50
AGITAN 731	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Acticide MBS	0.10	0.10	0.10	0.10	0.10	0.10	0.10
METOLAT 392	17.50	15.00	--	13.50	15.00	--	--
EDAPLAN 490	--	--	20.00	--	--	15.00	--
EDAPLAN 494	--	--	--	--	--	--	20.40
Ammonia (25%)	0.25	--	--	3.10	0.80	0.20	0.50
Pigment	35.00	37.50	25.00	15.00	15.00	15.00	17.00
% Dispersant in delivery form on pigment	50%	40%	80%	90 %	100%	100%	120%
% Dispersant solid on pigment	22.5%	22.0%	32.0%	40.5 %	45.0 %	40%	60%

Pigment Black 7 – Carbon Black

	Special Black 4 (Orion)			Colour Black FW 171 (Orion)		Special Black 100 (Orion)
Water demin.	50.15	44.25	46.90	46.00	58.90	47.05
AGITAN 731	0.50	0.50	0.50	0.50	0.50	0.50
Acticide MBS	0.10	0.10	0.10	0.10	0.10	0.10
METOLAT 392	--	--	--	--	--	12.00
EDAPLAN 490	18.00	--	--	--	--	--
EDAPLAN 492	--	24.00	--	36.40	--	--
EDAPLAN 494	--	--	21.00	--	25.50	--
Ammonia (25%)	1.25	1.15	1.50	--	--	0.35
Pigment	30.00	30.00	30.00	17.00	15.00	40.00
% Dispersant in delivery form on pigment	60%	80%	70%	214%	170%	30%
% Dispersant solid on pigment	24%	28%	35%	75%	85%	13.5%

Pigment Black 7 – Carbon Black

	Monarch 1400 (Cabot)			Emperor 2000 (Cabot)		Black Pearls 430 (Cabot)			Regal 330 (Cabot)
	Water demin.	59.20	52.30	52.10	67.25	69.20	47.30	30.80	39.40
AGITAN 731	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Acticide MBS	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
METOLAT 392	21.60	--	--	--	--	12.00	--	--	12.00
EDAPLAN 492	--	28.30	--	17.15	--	--	28.60	--	--
EDAPLAN 494	--	--	26.00	--	15.00	--	--	20.00	--
Ammonia (25%)	0.60	0.80	1.30	--	0.20	0.10	0.00	0.00	0.30
Pigment	18.00	18.00	20.00	15.00	15.00	40.00	40.00	40.00	40.00
% Dispersant in delivery form on pigment	120%	157%	130%	114%	100%	30%	71.50%	50%	30 %
% Dispersant solid on pigment	54%	55%	65%	40%	50%	13.5%	25.0%	25.0%	13.5 %

Pigment Black 7 – Carbon Black

	Raven L (Birla Carbon)	Raven 2500 (Birla Carbon)	Raven L (Birla Carbon)	Raven 420 (Birla Carbon)	Raven 1255 (Birla Carbon)	Raven 2000 (Birla Carbon)	Raven 1060 Ultra (Birla Carbon)	Raven 5000 Ultra II (Birla Carbon)
Water demin.	47.20	49.20	36.30	34.45	54.20	46.60	43.15	59.90
AGITAN 731	0.50	0.50	0.50	0.50	0.50	0.50	1.00	0.50
Acticide MBS	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
METOLAT 392	12.00	--	--	--	--	--	22.75	19.80
EDAPLAN 494	--	25.00	18.00	29.75	15.00	22.50	--	--
Ammonia (25%)	0.20	0.20	0.10	0.20	0.20	0.30	0.50	1.70
Pigment	40.00	25.00	45.00	35.00	30.00	30.00	32.50	18.00
%-Dispersant in delivery form on pigment	30%	100%	40%	85%	50%	75%	70%	110%
% Dispersant solid on pigment	13.5%	50%	20%	42.5%	25%	37.5%	31.5%	49.5%

Pigment Black 7 – Carbon Black

	POW Carbon 6315 (Yongfeng Chemical)
Water demin.	45.40
AGITAN 731	0.50
Acticide MBS	0.10
EDAPLAN 395	--
EDAPLAN 490	24.00
Ammonia (25%)	--
Pigment	30.00
% Dispersant in delivery form on pigment	80%
% Dispersant solid on pigment	32%