

CARBON BLACKS



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Carbon Black Selection Guide for Coatings Applications



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Typical Product Performance**

	Product	Physical Form	Masstone Jetness (higher = stronger)	Masstone Undertone (higher = bluer)	Tinting Strength (higher = stronger)	Ease of Dispersion (higher = easier)	Viscosity (higher = high)	Loadability (higher = high)	Conductivity (higher = high)
HIGH COLOR**	MONARCH® 1500	Fluffy	4	3	4	1	4	2	1
	MONARCH 1400	Fluffy	4	5	4	2	3	3	2
	BLACK PEARLS® 1400	Pellets	4	5	4	2	3	3	2
	MONARCH 1300	Fluffy	3	3	3	3	2	4	3
	BLACK PEARLS 1300	Pellets	3	3	3	3	2	4	3
	MONARCH 1000	Fluffy	2	2	2	4	1	4	4
	BLACK PEARLS 1000	Pellets	2	2	2	4	1	4	4
MEDIUM COLOR**	MONARCH 900	Fluffy	5	4	5	1	5	1	4
	BLACK PEARLS 900	Pellets	5	4	5	1	5	1	4
	MONARCH 880	Fluffy	4	5	4	4	4	2	5
	BLACK PEARLS 880	Pellets	4	5	4	4	4	2	5
	MONARCH 800	Fluffy	3	3	3	3	3	3	2
	BLACK PEARLS 800	Pellets	3	3	3	3	3	3	2
	MONARCH 700	Fluffy	1	1	1	5	1	5	3
	BLACK PEARLS 700	Pellets	1	1	1	5	1	5	3
TREATED**	MOGUL® L	Fluffy	5	4	4	2	5	1	1
	BLACK PEARLS L	Pellets	5	4	4	2	5	1	1
	MOGUL E	Fluffy	2	2	2	4	2	4	3
	BLACK PEARLS E	Pellets	2	2	2	4	2	4	3
	REGAL 400R	Fluffy	3	5	3	5	3	3	4
	REGAL 400	Pellets	3	5	3	5	3	3	4
REGULAR COLOR**	REGAL 660R	Fluffy	5	5	5	1	5	1	5
	REGAL 660	Pellets	5	5	5	1	5	1	5
	REGAL 350R	Fluffy	1	4	1	5	1	5	1
	REGAL 330R	Fluffy	3	3	3	2	3	3	3
	REGAL 250R	Fluffy	2	2	2	3	2	4	2
GENERAL UTILITY**	MONARCH 570	Fluffy	5	1	5	1	5	1	5
	BLACK PEARLS 570	Pellets	5	1	5	1	5	1	5
	BLACK PEARLS 480	Pellets	4	3	4	2	4	2	4
	MONARCH 460	Fluffy	4	3	4	3	4	2	3
	BLACK PEARLS 460	Pellets	4	3	3	3	4	2	3
	MONARCH 430	Fluffy	3	2	3	3	2	4	2
	BLACK PEARLS 430	Pellets	3	2	3	3	2	4	2
	MONARCH 280	Fluffy	2	5	3	5	3	3	4
	BLACK PEARLS 280	Pellets	2	5	3	5	3	3	4
	BLACK PEARLS 160	Pellets	2	4	2	4	2	4	1
	MONARCH 120	Fluffy	1	5	1	4	1	5	1
	BLACK PEARLS 120	Pellets	1	5	1	4	1	5	1
CONDUCTIVE**	VULCAN XC® 605	Pellets	4	5	4	2	4	2	4
	VULCAN XC 305	Pellets	3	4	3	3	3	3	3
	VULCAN XC 72R	Fluffy	5	5	5	1	5	1	5
	VULCAN XC 72	Pellets	5	5	5	1	5	1	5

** Relative Ranking Scale of 1 - 5 applies within each Product Category only:
1 = lowest/weakest/hardest performance; 5 = highest/strongest/easiest performance

Coatings Applications

	Product	Physical Form	Automotive	Industrial	Powder	Architectural / Decorative
HIGH COLOR**	MONARCH® 1500	Fluffy	XXXXX			
	MONARCH 1400	Fluffy	XXXXX	X	X	
	BLACK PEARLS® 1400	Pellets	XXXXX	X	X	
	MONARCH 1300	Fluffy	XXXXX	XXXXX	XXXXX	XXXXX
	BLACK PEARLS 1300	Pellets	XXXXX	XXXXX	XXXXX	XXXXX
	MONARCH 1000	Fluffy	X	XXXXX	XXXXX	X
	BLACK PEARLS 1000	Pellets	X	XXXXX	XXXXX	X
MEDIUM COLOR**	MONARCH 900	Fluffy	X	XXXXX	XXXXX	
	BLACK PEARLS 900	Pellets	X	XXXXX	XXXXX	
	MONARCH 880	Fluffy		XXXXX	XXXXX	
	BLACK PEARLS 880	Pellets		XXXXX	XXXXX	
	MONARCH 800	Fluffy		XXXXX	XXXXX	
	BLACK PEARLS 800	Pellets		XXXXX	XXXXX	
	MONARCH 700	Fluffy		XXXXX	X	X
	BLACK PEARLS 700	Pellets		XXXXX	X	X
TREATED**	MOGUL® L	Fluffy	X	XXXXX	X	XXXXX
	BLACK PEARLS L	Pellets	X	XXXXX	X	XXXXX
	MOGUL E	Fluffy		XXXXX	X	X
	BLACK PEARLS E	Pellets		XXXXX	X	X
	REGAL 400R	Fluffy	X	XXXXX	X	XXXXX
	REGAL 400	Pellets	X	XXXXX	X	XXXXX
REGULAR COLOR**	REGAL 660R	Fluffy	X	X	XXXXX	XXXXX
	REGAL 660	Pellets	X	X	XXXXX	XXXXX
	REGAL 350R	Fluffy			X	X
	REGAL 330R	Fluffy		X	XXXXX	X
	REGAL 250R	Fluffy			X	X
GENERAL UTILITY**	MONARCH 570	Fluffy		X	X	X
	BLACK PEARLS 570	Pellets		X	X	X
	BLACK PEARLS 480	Pellets		X	X	X
	MONARCH 460	Fluffy		X	X	X
	BLACK PEARLS 460	Pellets		X	X	X
	MONARCH 430	Fluffy		X	X	X
	BLACK PEARLS 430	Pellets		X	X	X
	MONARCH 280	Fluffy	XXXXX	XXXXX	XXXXX	XXXXX
	BLACK PEARLS 280	Pellets	XXXXX	XXXXX	XXXXX	XXXXX
	BLACK PEARLS 160	Pellets		X	X	X
	MONARCH 120	Fluffy	XXXXX	XXXXX	XXXXX	XXXXX
	BLACK PEARLS 120	Pellets	XXXXX	XXXXX	XXXXX	XXXXX
CONDUCTIVE**	VULCAN XC® 605	Pellets	XXXXX	XXXXX	X	
	VULCAN XC 305	Pellets	XXXXX	XXXXX	X	X
	VULCAN XC 72R	Fluffy	XXXXX	XXXXX	X	
	VULCAN XC 72	Pellets	XXXXX	XXXXX	X	

For more information on products specifically designed for automotive base coat applications, especially the highest color black EMPEROR 2000 for aqueous systems, please refer to the brochure HC.CB/COATINGS/02.05 which is available in English, Chinese, Spanish and German.

XXXXX = Highly Recommended
X = Can be Utilized

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