

# TECHNICAL DATA - TDS - Coltec C - Ideas



Name / Code of colorant	Pigment  C.I.	Pigment Content of Colorant  [%]	Light Fastness of Pigment*		Weather Resistance of Pigment**		Alkali Resistance of Pigment  [1-5]	Acid Resistance of Pigment  [1-5]	Heat Fastness of Pigment  [°C]	Avg. Density of Colorant  [kg/m <sup>3</sup> ]	IP***
			Full. [1-8]	Reduct. [1-8]	Full. [1-5]	Reduct. [1-5]					
COLTEC™ C BS MAGENTA	PR122	27	7	7-8	4	4-5	5	5	300	1150	-
COLTEC™ C JS BLACK	PBK7	35	8	8	5	5	5	5	300	1219	-
COLTEC™ C KU WHITE	PW6	60	8	n.a.	5	n.a.	5	5	300	2032	IP
COLTEC™ C LS BLUE	PB15:1	8	8	8	5	4-5	5	5	200	1408	-
COLTEC™ C MS YELLOW	PY128	25	7-8	7-8	4-5	4	5	5	200	1367	-
COLTEC™ C NS RED	PR166	7	8	6-7	5	3-4	5	5	200	1400	-
COLTEC™ C PS GREEN	PG7	10	8	8	5	4-5	5	5	300	1429	-
COLTEC™ C QS YELLOW HC	PY74	27	7-8	6-7	4-5	3	5	5	140	1430	-
COLTEC™ C RS BLUE HC	PB15:3	45	8	8	5	4-5	5	5	280	1330	-
COLTEC™ C TS YELLOW OXIDE	PY42	60	8	8	5	5	5	5	180	1845	IP
COLTEC™ C US ORANGE	PO67	16	8	6-7	4-5	2	5	5	200	1399	-
COLTEC™ C VS RED	PR112	22	8	6	4-5	3	5	5	180	1376	-
COLTEC™ C WS UMBER	PY42/PR1 01/PBK7	25	8	8	5	5	5	5	260	1622	IP
COLTEC™ C XS BLACK	PBK7	10	8	8	5	5	5	5	300	1400	-
COLTEC™ C YS RED OXIDE	PR101	65	8	8	5	5	5	5	300	2040	IP
COLTEC™ C ZS VIOLET	PV23	10	8	8	5	4	5	5	180	1310	-

The values given in the table are guidance figures only. The pigment data is obtained from pigment suppliers, individual testing is recommended.

\*) Light fastness is measured on an eight step blue scale, where 1 = very poor light fastness, 8 = excellent light fastness.

\*\*\*) Weather resistance is measured on a five step gray scale, where 1 = very poor weather resistance, 5 = excellent weather resistance.

\*\*\*) IP = Inorganic pigment. Chromaflo Technologies recommends to use only colorants containing inorganic pigments in high alkaline environments, high PVC and in exterior mineral paints (silicate or silicone based products).

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