

PRODUCT SPECIFICATIONS & INFORMATION

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Applied Technology Center, 2 Turner Place, Piscataway, NJ 08855 Phone: (866) 893-7824, FAX (732) 981-5310 - Carbon Black in Coatings Applications

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PRODUCT: SPECIAL BLACK 100

Pigment Black 7 Color Index # 77266

Special Black 100 is an easily dispersed oxidized furnace process carbon black used for masstone in waterbased primers. It is preferred as a tinting black with high stability to flooding and floating.

METHOD #	PROPERTIES	UNIT	TYPICAL RANGE
<u>GENERAL SPECIFICATIONS</u>			
PA 1540	Blackness Value Myr	%	96 - 102
PA 1540	Absolute Contribution of hue dM		-4 - -2
PA 1560	Relative greyness value Gyr	%	96 - 104
DIN 53 601	DBP Absorption	ml/100g	87 - 101
DIN 53 552	Volatile Matter at 950°C	%	.8 - 2.4
ISO 787/9	pH Value		2.0 - 4.8
ISO 787/18	Sieve Residue (45 µm)	ppm	100 max
PA 1560	Absolute contribution of hue dG		10 - 12
ASTM D5816	External surface area STSA-method	m ² /g	28 - 40

SUPPLEMENTAL INFORMATION (not certified)

			TYPICAL VALUE
DIN 53 553	Solvent Extractables (Toluene)	%	0.1

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