

Carbon Black



Pelletized Carbon Black

Grade #	Iodine	Tint Strength	DBP Absorption cc\100g	Nitrogen S.A m2/gram	Particle Size / nm
5319	128	118	TBD	120	19
5322R	121	117	114	115	TBD
5326R	82	111	72	78	30
5333R	82	105	102	79	29
5346R	90	111	120	91	29
5352R	27	46	65	29	64
5353R	43	57	121	40	35
5374R	29	TBD	72	30	60 – 100
5990R	8	TBD	35	6-11	>230

Powdered Carbon Black

Grade #	Iodine	Tint Strength	DBP Absorption cc\100g	Nitrogen S.A m2/gram	Particle Size / nm
5320	128	118	TBD	120	19
5345R	43	57	121	40	35
5348R	82	111	72	78	30
5358R	82	105	102	79	29
5375R	29	TBD	72	30	60 - 100
5991R	8	TBD	35	6-11	>230

- Iodine #** It is common to use this number when characterizing Carbon Black. Generally this number is close to the Nitrogen Surface Area.
- Tint Strength %** This number is calculated by comparing a sample of carbon black to a standard paste. Finer the particle the darker the material. The color undertone goes from Blue to Brown as you go finer.
- DBP Absorption** (Di-Butyl Phthalate) Lower the number translates to low structure, higher the number translates to high structure – Higher structure will offer better reinforcing characteristics
- Nitrogen S.A** This number represents the total surface area of the Carbon Black particles
- Particle Size** Measured in nanometers (one billionth of a meter).



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