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Russian Carbon Blacks for rubber industry
Hard & Soft type

PRODUCT DESCRIPTION (VER. FNL9904) **DATE: 16-AVR-99**

Index / Grade	**N660**	**N650**	**N539**	**N550**	**N330**	**N339**	**N375**	**N299**	**N234**	**N220**	**Test method**
1. Iodine adsorption number g/kg	**36 +/- 5**	**35+/-5**	**43 +/- 5**	**43 +/- 5**	**82 +/- 5**	**90 +/- 5**	**90 +/- 5**	**108 +/- 5**	**120 +/- 4**	**121 +/- 5**	**D 1510**
2. DBP Adsorption number, cm3/100g	**90 +/- 5**	**112+/-5**	**111 +/- 5**	**121 +/- 5**	**102 +/- 5**	**120 +/- 5**	**114 +/- 5**	**124 +/- 5**	**125 +/- 5**	**114 +/- 5**	**D 2414**
3. CTAB surface area, 1000 m2/Kg		**35+/-6**			**82 +/- 6**	**95 +/- 5**	**96 +/- 6**	**104 +/- 5**	**119 +/- 7**	**111 +/- 7**	**D 3765**
4. pH value	**6-8**	**6-9**	**6-8**	**6-8**	**6-8**	**6-8**	**6-8**	**6-8**	**6-8**	**6-8**	**D 1512**
5. Heating loss at 125°C,%, max	**1.0**	**0.9**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**D 1509**
6. Ash content, %, min	**0,45**	**1.0**	**0,45**	**0,45**	**0,45**	**0,45**	**0,45**	**0,45**	**0,45**	**0,45**	**D 1506**
7. Sieve residue max. %, after sifting through a sifter with a grid. 45 ✪m 500 ✪m	 **0,1** **0,001**	 **0,08** **0,001**	 **0,1** **0,001**	 **0,1** **0,001**	 **0,1** **0,001**	 **0,1** **0,001**	 **0,1** **0,001**	 **0,1** **0,001**	 **0,1** **0,001**	 **0,1** **0,001**	**D 1514**
8. Sulfur content max., %	**1,1**	**-**	**1,1**	**1,1**	**1,1**	**1,1**	**1,1**	**1,1**	**1,1**	**1,1**	**D 1619**
9. Toluene discoloration min., %	**80**	**-**	**85**	**85**	**90**	**90**	**90**	**90**	**90**	**90**	**D 1618**
10. Individual Pellet Crash Strength, g	**10-50**	**55**	**10-50**	**10-50**	**10-50**	**10-50**	**10-50**	**10-50**	**10-50**	**10-50**	**D 5230**
11. Pour density, pelleted carbon black, kg/m^3	**425 +/- 30**	**-**	**360 +/- 30**	**360 +/- 30**	**375 +/- 50**	**345 +/- 20**	**345 +/- 30**	**335 +/- 20**	**320 +/- 20**	**345 +/- 20**	**D 1513**
12. Fines content, pelleted carbon black, %, max	**7,00**	**4-10**	**7,00**	**7,00**	**7,00**	**7,00**	**7,00**	**7,00**	**7,00**	**7,00**	**D 1508**