

CARBON BLACK QUALITY INSPECTION REPORT

Products Standard: ASTM D1756-2010

Product Name	N234		Lab No	2015-193-1		Date of Production	Aug 6,2016	
Sample No.	11603074-0808		Product Quality(t)	80.0		Date of Analysis	Aug 8,2016	
ITEM			Target Value	Test Data		Test Method		
Appearance			Black Particles	Black Particles		Visual Inspection		
Iodine Absorption Number g/kg			120	121		ASTM D-1510		
Oil Absorption Number 10 ⁻⁵ m ³ /kg			125	124		ASTM D-2414		
Oil Absorption Number of Compressed Sample 10 ⁻⁵ m ³ /kg			102	100		ASTM D-3493		
Tint Strength %			123	119		ASTM D-3256		
NSA Multipoint 10 ³ m ² /kg			119	116		ASTM D-6556		
STSA 10 ³ m ² /kg			112	109		ASTM D-6556		
Heating Loss % ≤			2.5	0.2		ASTM D-1509		
Ash Content % ≤			0.7	0.23		ASTM D-1506		
45um Sieve Residue % ≤			0.1	0.004		ASTM D-1514		
Impurities			None	None		ASTM D-1514		
Pour Density kg/m ³			320	348		ASTM D-1513		
Fines Content % ≤			7	3.2		ASTM D-1508		
Stress at 300% Elongation(IRB7#)(MPa)			-0.1	0.6		ASTM D-3192		
Conclusion: Qualified				Remarks:				
Approved by	Susan Yuan	Checked by	Mark Zhang	Sample	Lily Liu	Analyzed by	Jiang Wei	