



CARBON BLACK QUALITY INSPECTION REPORT

Products Standard: ASTM D1756-2010

Product Name	N115	Lab No	2016-184-1	Date of Production	Apr 28,2016		
Sample No.	11603032-0428	Product Quality(kg)	0.5	Date of Analysis	Apr 30,2016		
ITEM		Target Value	Test Data	Test Method			
Appearance		Black Particles	Black Particles	Visual Inspection			
Iodine Absorption Number g/kg		160	163	ASTM D-1510			
Oil Absorption Number 10 ⁻⁵ m ³ /kg		113	115	ASTM D-2414			
Oil Absorption Number of Compressed Sample 10 ⁻⁵ m ³ /kg		97	100	ASTM D-3493			
NSA Multipoint 10 ³ m ² /kg		137	133	ASTM D-6556			
Tint Strength %		123	128	ASTM D-3265			
STSA 10 ³ m ² /kg		124	128	ASTM D-6556			
Heating Loss % ≤		3.0	0.5	ASTM D-1509			
Ash Content % ≤		0.7	0.3	ASTM D-1506			
45um Sieve Residue % ≤		0.1	0.01	ASTM D-1514			
Impurities		None	None	ASTM D-1514			
Pour Density kg/m ³		345	360	ASTM D-1513			
Fines Content % ≤		7.0	2.0	ASTM D-1508			
Stress at 300% Elongation(IRB7#)(MPa)		-3.0	-2.0	ASTM D-3192			
Conclusion: Qualified			Remarks:				
Approved by	Susan Yuan	Checked by	Mark Zhang	Sample	Lily Liu	Analyzed by	Jiang Wei