



CARBON BLACK QUALITY INSPECTION REPORT

Products Standard: ASTM D1756-2010

Product Name	N339	Lab No	2015-899-1	Date of Production	Jul 6,2016		
Sample No.	11603074-0708	Product Quality(t)	80.0	Date of Analysis	Jul 8,2016		
ITEM		Target Value	Test Data	Test Method			
Appearance		Black Particles	Black Particles	Visual Inspection			
Iodine Absorption Number g/kg		90	90	ASTM D-1510			
Oil Absorption Number 10 ⁻⁵ m ³ /kg		120	121	ASTM D-2414			
Oil Absorption Number of Compressed Sample 10 ⁻⁵ m ³ /kg		99	98	ASTM D-3493			
Tint Strength %		111	110	ASTM D-3256			
NSA Multipoint 10 ³ m ² /kg		91	89	ASTM D-6556			
STSA 10 ³ m ² /kg		88	87	ASTM D-6556			
Heating Loss % ≤		2.0	0.3	ASTM D-1509			
Ash Content % ≤		0.7	0.24	ASTM D-1506			
45um Sieve Residue % ≤		0.1	0.009	ASTM D-1514			
Impurities		None	None	ASTM D-1514			
Pour Density kg/m ³		345	355	ASTM D-1513			
Fines Content % ≤		7	2.6	ASTM D-1508			
Stress at 300% Elongation(IRB7#)(MPa)		0.9	0.6	ASTM D-3192			
Conclusion: Qualified			Remarks:				
Approved by	Susan Yuan	Checked by	Mark Zhang	Sample	Lily Liu	Analyzed by	Jiang Wei

The Plaza Group, Inc.