



CARBON BLACK QUALITY INSPECTION REPORT

Products Standard: ASTM D1756-2010

Product Name	N330	Lab No	2016-153-3	Date of Production	Aug 22,2016		
Sample No.	116031272-0824	Product Quality(t)	10.0	Date of Analysis	Aug 24,2016		
ITEM		Target Value	Test Data	Test Method			
Appearance		Black Particles	Black Particles	Visual Inspection			
Iodine Absorption Number g/kg		82	84	ASTM D-1510			
Oil Absorption Number 10 ⁻⁵ m ³ /kg		102	103	ASTM D-2414			
Oil Absorption Number of Compressed Sample 10 ⁻⁵ m ³ /kg		88	84	ASTM D-3493			
NSA Multipoint 10 ³ m ² /kg		78	77	ASTM D-6556			
Tint Strength %		104	103	ASTM D-3265			
STSA 10 ³ m ² /kg		75	76	ASTM D-6556			
Heating Loss % ≤		2.0	0.2	ASTM D-1509			
Ash Content % ≤		0.7	0.24	ASTM D-1506			
45um Sieve Residue % ≤		0.1	0.012	ASTM D-1514			
Impurities		None	None	ASTM D-1514			
Pour Density kg/m ³		380	378	ASTM D-1513			
Fines Content % ≤		7.0	2.0	ASTM D-1508			
Stress at 300% Elongation(IRB7#)(MPa)		-0.6	0.3	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.