

Inspection Certificate

Yeosu
Orion Engineered Carbons Co.,Ltd.
310-88, Jindallae-gil, Yeosu-si
Jeollanam-Do 59614

According to 10204 - 3.1
Certificate no : 0308428

Material Description	HIBLACK 10 POWDER	Date/Revision	21-MAY-01 / 01
Customer Material		Customer Purchase order	20160211
SKU	110002166	Sales Order Number	10191872
Batch Number	0000143071	Delivery Number	20247059
Ship Date	2016-02-11	Weight	500.000 KG
Process Date	2016-01-18	Issue Date	2016-02-11
Vehicle No	6958		
Packaging Description	BAGS		

Characteristic	Unit	Method	Value	Min	Target	Max
Iodine Adsorption Number	g/kg	ASTM D1510	71.6	65.0	70.0	75.0
Oil Absorption Number	cc/100	ASTM D2414	96.8	91.0	97.0	103.0
Tint Strength, IRB=100%	%	ASTM D3265	103.1	98.0	104.0	110.0
Heating Loss (125degC)	%	ASTM D1509	0.32			1.50
Sieve residue 325M (%)	%	ASTM D1514	0.0029			0.0200
pH		ASTM D1512	9.1	6.0	8.0	10.0
Ash Content	%	ASTM D1506	0.06			1.00

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Signature

Tachyong (Tom) Kim