

Carbon Blacks | HAF COAT M

Pigment Blacks in Powder Coatings

Physical Form	Black Powder
Appearance	Fine Black
Specific Gravity	1.32 Gm/cc
Oil Absorption	391 GM/100GM
Mass Tone	Comparable to std.
Reducing Strength	Comparable to std.
Blackness Value My	270
Tinting Strength IRB 3 = 100	122 %
Ash Content	0.02
Coarse Particles	N/A
Loss on Heating	Comparable to std.
Volatile Matter at 950 °C	5
Compacted Density Powder	400
pH Value	4
Type	Medium Color Channel

Typical Physio Chemical Properties

Sieve Residue	
325 Mesh (%)	0.0400
35 Mesh (%)	0.0000

Iodine Number (mgm/gm)	82
Surface Area	
Nitorgen Absorption (sqm/gm)	83
CTAB Absorption (sqm/gm)	82
Tint % of ITRB	122
DBP Absorption (m/100mg.)	
As Recd	107
24 M 4	89
Pour Density (gms/lit.)	389
Toluene Discolouration	93.097

Typical Vulcanizer Properties

(ASTM D3192 D 412) Difference from (RB No.5)

Cure at 145 degrees C mins.	15	30
Modulus At 300% Elongation (kg/sq.cm)	-2	-3
Tensile Strength (kg/sq.cm)	-8	-3

Jetness levels in an epoxy resin powder coating with comparatative pigment blacks (1.1% [WJC1])

Tinting Strength

High Tinting strength compared to all other Pigment Blacks

Jetness

Oxidized gas black of fine particle size with high jetness

Undertone

Pronounced undertone

Mass Tone Coloring

Recommended & successfully used for Mass Tone Application

Palta Fertilizers & Chemicals

Unit: Shah Sikander Road, Industrial Area

Jalandhar City 144003

IN

Tel: +91-181-2290133

Fax: +91-181-3041800



Notice and Disclaimer. The data and conclusions contained herein are based on work believed to be reliable; however, ICI cannot and does not guarantee that similar results and/or conclusions will be obtained by others. This information is provided as a convenience and for informational purposes only. No guarantee or warranty as to this information, or any product to which it relates, is given or implied. ICI DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AS TO (i) SUCH INFORMATION, (ii) ANY PRODUCT OR (iii) INTELLECTUAL PROPERTY INFRINGEMENT. In no event is ICI responsible for, and ICI does not accept and hereby disclaims liability for, any damages whatsoever in connection with the use of or reliance on this information or any product to which it relates.