

Unipetrol A+ High-Conductive Carbon Black Chezacarb

Category : Carbon , Carbon Black

Material Notes:

Carbon black Chezacarb is manufactured by gasification of heavy petroleum residues by partial oxidation in Shell reactors. It is produced in the form of pellets of size 0,5 - 2,5 mm. Product is not classified as dangerous according to EC Directives. Carbon black Chezacarb is made in three sorts: A+, A and B. There are suitable mostly for modification of conductance and heat conductivity in plastics and rubber, due to their high specific surface and high porosity. Information provided by Unipetrol RPA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unipetrol-A-High-Conductive-Carbon-Black-Chezacarb.php

Physical Properties	Metric	English	Comments
Bulk Density	>= 0.118 g/cc	>= 0.00426 lb/in ³	
	0.140 - 0.160 g/cc	0.00506 - 0.00578 lb/in ³	Tamped Bulk Density
pH	7.0 - 9.0	7.0 - 9.0	
Specific Surface Area	815 - 1005 m ² /g	815 - 1005 m ² /g	by nitrogen absorption
Iodine Absorption Number	1010 - 1140	1010 - 1140	mg/g
Ash	<= 0.35 %	<= 0.35 %	
Evaporation Loss	<= 0.30 %	<= 0.30 %	

Component Elements Properties	Metric	English	Comments
Iron, Fe	<= 0.030 %	<= 0.030 %	
Nickel, Ni	<= 0.050 %	<= 0.050 %	
Sulfur, S	<= 0.23 %	<= 0.23 %	
Vanadium, V	<= 0.10 %	<= 0.10 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	<= 40.0 ohm-cm	<= 40.0 ohm-cm	

Descriptive Properties	Value	Comments
Composition	max. 5	
DBP Absorption (ml/100g)	365-395	
Material	Fines content	

Descriptive Properties	Value	Comments
Pellets Hardness - the highest (g), max	20	
Toluene Extraction %, max	0.1	

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