



PT ZEFA VALINDO JAYA
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Vapor Phase Filtration

PRODUCT DESCRIPTION :

ZEFA VPF, coconut shell activated carbons, are a series of product best suite for air purification purpose. The superior hardness of coconut shell activated carbon lead to a better physical cleaning and longer life expectancy.

All product are manufacture from selected coconut shell thus giving them a high adsorptive capacity that is well suited to all vapor phase application such as solvent recovery.

PRODUCT SPECIFICATION :

Description	EX	MX	GX	HX	JX	Testing Method
CTC Adsorption (%) *	50	55	60	65	70	ASTM D 3467
Iodine Adsorption (ml/gr)	1.000	1.050	1.150	1.200	1.250	ASTM D 4607
Benzene Adsorption (%)	29	31	33	35	37	JIS K 1474
Methylene Blue Adsorption (mg/gr)	165	180	198	200	230	JIS K 1474
Butane Adsorption (%)	20	22	24	26	28	ASTM D 5742
Ball Pan Hardness (%)	98	98	98	98	97	ASTM D 3802
Apparent Density (gr/ml)	0.46 – 0.50	0.46 – 0.50	0.44 – 0.49	0.43 – 0.48	0.40 – 0.44	ASTM D 2854
Ash Content	3	3	3	3	3	ASTM D 2866
Moisture Content (%)	5	5	5	5	5	ASTM D 2867
pH	9-11	9-11	9-11	9-11	9-11	ASTM D 3838
Mesh Range (%)	95	95	95	95	95	ASTM D 2862

AVAILABLE MESH SIZE :

ZEFA 48 VPF	4 x 8
ZEFA 410 VPF	4 x 10
ZEFA 612 VPF	6 x 12
ZEFA 3060 VPF	30 x 60

PACKAGING AVAILABILITY :

- 25 kg Polypropylene bag with inner polyethylene bag
- 25 kg Three ply kraft paper bag with inner polyethylene bag
- 500 kg Jumbo bag
- 200 lbs Fiber drum



Every endeavor has been made to ensure that the information contained in this leaflet is reliable but we cannot accept liability for any loss, injury or damage which may result from its use. Data given in this Material Safety Data Sheet are solely for guidance in safe handling and use of the product(s) by customers; they do not form part of any specification. Customers are reminded that there may be uses or application of our products which are protected by patents under which PT ZEFA VALINDO JAYA have no rights. If any difficulties arise, we shall be glad to discuss them. Before using any product, read its label.

a trade mark of : PT ZEFA VALINDO JAYA , Bekasi – Indonesia



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Liquid Phase Filtration

PRODUCT DESCRIPTION :

ZEFA LPF, coconut shell activated carbons, are a series of product manufactured from selected coconut shell and possessing a high degree of hardness and adsorptive capacity.

This renders them most suitable for all liquid phase application. The superior hardness of coconut shell activated carbons lead to a better physical cleanliness and longer life expectancy

The superior adsorptive capacity, and surface area, render these product most suitable for removal of organic substance, and other contaminants, in waste water. They are also most suited to drinking water treatment and other food grade application.

PRODUCT SPECIFICATION :

Description	EX	MX	GX	HX	JX	Testing Method
CTC Adsorption (%) *	50	55	60	65	70	ASTM D 3467
Iodine Adsorption (ml/gr)	1.000	1.050	1.150	1.200	1.250	ASTM D 4607
Benzene Adsorption (%)	29	31	33	35	37	JIS K 1474
Methylene Blue Adsorption (mg/gr)	165	180	198	200	230	JIS K 1474
Butane Adsorption (%)	20	22	24	26	28	ASTM D 5742
Ball Pan Hardness (%)	98	98	98	98	97	ASTM D 3802
Apparent Density (gr/ml)	0.46 – 0.50	0.46 – 0.50	0.44 – 0.49	0.43 – 0.48	0.40 – 0.44	ASTM D 2854
Ash Content	3	3	3	3	3	ASTM D 2866
Moisture Content (%)	5	5	5	5	5	ASTM D 2867
pH	9-11	9-11	9-11	9-11	9-11	ASTM D 3838
Mesh Range (%)	95	95	95	95	95	ASTM D 2862

AVAILABLE MESH SIZE :

ZEFA 814LPF	8 x 14	ZEFA 1240 LPF	12 x 40
ZEFA 816 LPF	8 x 16	ZEFA 2040 LPF	20 x 40
ZEFA 830 LPF	8 x 30	ZEFA 2050 LPF	20 x 50
ZEFA 1030 LPF	10 x 30	ZEFA 3060 LPF	30 x 60
ZEFA 1230 LPF	12 X 30	ZEFA 3070 LPF	30 x 70

PACKAGING AVAILABILITY :

- 25 kg Polypropylene bag with inner polyethylene bag
- 25 kg Three ply kraft paper bag with inner polyethylene bag
- 500 kg Jumbo bag
- 200 lbs Fiber drum



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Gold Recovery

PRODUCT DESCRIPTION :

ZEFA GR coconut shell activated carbon is manufactured from carefully selected raw material and processed under a stringent production control environment to ensure maximum performance of the end product in the precious metal recovery process.

The high adsorptive capacity of this product, coupled with its superior hardness, render it especially suited to carbon in pulp, carbon in leach and carbon in column circuits.

PRODUCT SPECIFICATION :

Description	Specification	Testing method
CTC adsorption (%)	55% min	ASTM D3467
Min R value of abraded carbon	55% in one	Test method no. 1
Min K value	24 kg/l	Test method no. 3
Platelet content (%)	5% max	Test method no. 4
Abrasion resistance value	2% max loss	24 hour rolling bottle test
Particle size distribution		Test method no. 2
>3.36 mm	2%	
<1.68 mm	2%	
>2.00 mm	90%	
d50	2.2 mm – 2.6 mm	

AVAILABLE MESH SIZE :

ZEFA 612 GR 6 x 12

PACKAGING AVAILABILITY :

- 25 kg Polypropylene bag with inner polyethylene bag
- 25 kg Three ply kraft paper bag with inner polyethylene bag
- 500 kg Jumbo bag
- 200 lbs Fiber drum



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