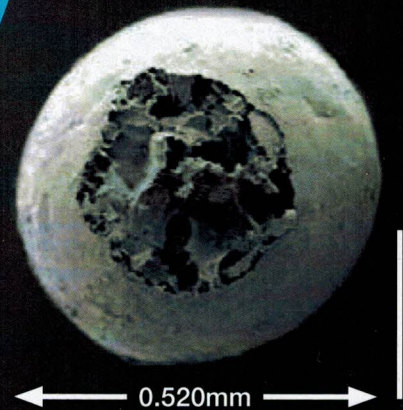


ULTRA LIGHT FIBER FREE POROUS ALUMINA AGGREGATE

Nebulox pellets, an ultralight alumina insulation aggregate with micro porous cellular structure, having low thermal conductivity and low thermal mass. It is a unique raw material for the manufacturing of high temperature refractory products up to 1700°C. **Nebulox** pellets are produced through a patented technology which offers great advantages over the conventional raw materials in areas of chemical stability, thermal shock resistance and HSE compliance. **Nebulox** is completely free from fiber and ideal for the manufacturing of insulating refractories both fired and castables.



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Corporate Identity Number

CIN: L29224TN1954PLC000318



murugappa

Physical Properties

Parameter	Nebulox Pellets HD	Nebulox Pellets LD
Classification temperature (°C)	1700	1700
Tap density (g/cc)	0.20 +/- 0.05	0.10 +/- 0.05
Diameter (mm)	Up to 3.5	Up to 3.5
Thermal conductivity (W/mK) at mean temperature: 800°C - 1200°C	0.3 - 0.5	0.3 - 0.5

Particle Size Distribution

Tyler Mesh Size	Diameter (mm)	Nebulox Pellets HD	Nebulox Pellets LD
		Constituent (Wt%)	
> 4	> 4.76	0	0
7	2.83	25 - 35	35 - 50
12	1.41	30 - 40	20 - 25
28	0.595	15 - 25	10 - 15
< 28	< 0.595	10 - 20	5 - 10

Chemical Properties

(%)	AS	SS
Al ₂ O ₃	98	90
SiO ₂	1.9	9.9
Fe ₂ O ₃ , CaO, ZrO ₂ Cr ₂ O ₃ , MgO	< 0.05	< 0.05



REGISTERED OFFICE

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