

Code : IN-PR-02

INSTRUCTION**IRALCO'S Specification Of Raw Materials****4-1 Alumina (Al₂O₃)**

Specification	Typical	Unit	Value	Method
Moisture(0 – 300 °C)	0.4	%	Max	
<i>L.O.I (300 – 1000°C)</i>	1	%	Max	
Repose Angle	32	degree	-	
Alpha-Alumina	7-12	%	Max	
Surface area (B.E.T)	60-90	m²/gr		
Apparent Density	0.95-1.1	Kg/dm³		
Na₂O	0.5	%	Max	
CaO	0.04	%	Max	
SiO₂	0.02	%	Max	
TiO₂	0.003	%	Max	
Fe₂O₃	0.015	%	Max	
P₂O₅	0.001	%	Max	
V₂O₅	0.004	%	Max	
<i>MnO</i>	0.001	%	Max	
<i>ZnO</i>	0.01	%	Max	
<i>Mesh + 100</i>	5	%	Max	
<i>-325 +PAN</i>	6	%	Max	
<i>Mesh -400</i>	0.5	%	Max	

Packing : Bulk

In The Critical conditions (-325 + PAN) Could be 10% Max .
With agreed quality control Management.