



## Ammonium Nitrate Porous Prills

### Low Density – Technical Grade

#### Technical Specifications

Item	Result	Notes
Nitrogen Content %	34.5% (Min)	Kjeldahl Standard Method
Structure		
Physical Appearance	Off white Prills	Free from any visible impurities
pH 10% Soln.	5.0	
Moisture Content %	0.15 % (max)	Karl-Fischer Titration
Organic Coating %	0.1 % (Approx.)	
Total Organic Content	0.20 % (max)	As total organic carbon
Inert Coating	FREE	
Oil Absorption %	8 - 12 %	
Bulk Density (Kg/m <sup>3</sup> )	700 - 780	Free flowing
Size Distribution	+ 3 mm %	nil
	+ 2mm %	15 % (max)
	Between 1&2mm	85 % (min)
	-1 Mm %	1 % (max)
Crushing Resistance (Kg)	0.7 (min)	
Total Insoluble Matter %	0.2 % (max)	
Molecular Mass (g/mol)	80.043	
Melting Point (°C)	169.6	
Boiling Point (°C)	210 (Approx.)	Decomposition
Solubility In Water (G/L @ 20°C)	1,900	
<b>Transportation Data</b>		
UN Number	1942	
UN Pack Group	III	
IMO Hazard Class	5.1	

❖ This product stored in a dry, cool & well-ventilated area

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Product Produced In Egypt