

PRASOL CHEMICALS LIMITED



PRASOL

PRODUCT DATA SHEET / CERTIFICATE

RED PHOSPHORUS

Grade	: Technical	Spec. No.	: RP/2005-1
Form	: Powder	CAS No.	: 7723-14-0
Other Trade Name	: Red Amorphous Phosphorous	Molecular Weight	: 116
Chemical Formula	: P ₄	Hazard Class	: 2WE
Product Description	: Reddish brown powder		
Specifications	: Parameters	Units	
Odour	: Odourless		
Boiling Point	: 417	°C	
Autoignition	: 260	°C	
Purity	: 98.5 Min	%	
Acidity as H ₃ PO ₄	: 0.1 Max.	%	
Moisture	: 0.5 Max	%	
Solubility in water	: 0.1 Max.	%	
Sieve Test 200 Mesh	Min. 75 passing	%	Different mesh sizes are available upon request.
Packing	: Red Phosphorus is filled in 5 Kg polyethylene bags and then packed in 5 Kgs container or in 50 Kg drums.		
Safety & Handling	: See Material Safety Data Sheet.		
Applications	: Used in manufacture of safety matches and fire works. Used in manufacture of Phosphorus bronze, metal alloys Used in manufacture of incendiary bombs and smoke screens. Used in manufacture of compounds like hypophosphites (used in medicines), phosphorus chlorides and phosphoric acid		
Technical Service	: For technical assistance, pricing & further information, please contact us at E-mail - sales@prasolchem.com , inquiry@prasolchem.com		

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