

# PRASOL CHEMICALS LIMITED



PRASOL

## PRODUCT DATA SHEET / CERTIFICATE

### PHOSPHORUS PENTASULPHIDE

Grade	: Mining Grade	Spec. No.	: PPS/2009-10
Form	: Flakes	CAS No.	: 1314-80-3
Other Trade Name	: Phosphoric Sulphide Sulphur Phosphides, Thiophosphoric Anhydride	Molecular Weight:	224.24
Chemical Formula	: P <sub>2</sub> S <sub>5</sub> (P <sub>4</sub> S <sub>10</sub> )	Hazard Class	: 4YE
Product Description	: Greenish Yellow Powder Production Plant accredited to ISO 9001-2008		

Specifications	Parameters	Units
Melting Point	: 275-280	°C
Purity (P+S)	: 98 Min	%
Boiling Points	: 514	%
P4 Content	: 27.2-27.6	%
Sulphur Content	: 72.4-72.8	%
Reactivity	: 8-9	°C / min
Iron Content	: < 15	ppm
Passing Through		
4.76 mm	: Min.95	%
2.00 mm	: 45 (± 10%)	%
4.76 mm	: 35 (± 10%)	%
4.76 mm	: Max 10	%

**Customized specification engineered on request.**  
**Customized milling and screening available on request.**

**Packing** : 200-220 Kg iron drums with LDPE liner  
200-220 Kg Epoxy coated iron drums without liner or Totebins  
**Customized packing engineered on request.**

**Safety & Handling** : Refer Material Safety Data Sheet.

**Applications** : Intermediate for manufacturing lubricating oil additives,  
Organophosphorus technical grade pesticides,  
Floatation agents and specialty chemicals

**Technical Service** : For technical assistance, pricing & further information, please contact us at  
E-mail - [sales@prasolchem.com](mailto:sales@prasolchem.com), [inquiry@prasolchem.com](mailto:inquiry@prasolchem.com)

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