

# PRASOL CHEMICALS LIMITED



PRASOL

## PRODUCT DATA SHEET / CERTIFICATE

### PHOSPHORUS PENTASULPHIDE

Grade	: Lubricant Grade - I	Spec. No.	: PPS/2009-10
Form	: Free Flowing Flakes	CAS No.	: 1314-80-3
Other Trade Name	: Phosphoric Sulphide Thiophosphoric Anhydride, Sulphur Phosphides	Molecular Weight:	222.24
		Hazard Class	: 4YE
Chemical Formula	: P <sub>2</sub> S <sub>5</sub> (P <sub>4</sub> S <sub>10</sub> )		
Product Description	: Greenish Yellow Flakes Production Plant accredited to ISO 9001-2008		

Specifications	Parameters	Units
Melting Point	: 275-282	°C
Purity	: 98 Min	%
Methanol Yield	: 92 Min	%
Iso Butanol Yield	: 94 Min	%
P4 Content	: 27.2-27.6	%
Sulphur Content	: 71.8-72.2	%
Iron Content	: < 15	ppm
Passing Through		
4.76 mm	: Min.95	%
2.00 mm	: Min.45	%
1.66 mm	: Min.35	%
1.00mm	: Min.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 <b>Customized packing engineered on request.</b>
Safety & Handling	: Refer Material Safety Data Sheet.
Applications	: Intermediate for manufacturing lubricating oil additives, Organophosphorus pesticides, Floatation agents and specialty chemicals
Technical Service	: For technical assistance, pricing & further information, please contact us at E-mail- <a href="mailto:sales@prasolchem.com">sales@prasolchem.com</a> , <a href="mailto:inquiry@prasolchem.com">inquiry@prasolchem.com</a>

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