

PRASOL CHEMICALS LIMITED



PRASOL

PRODUCT DATA SHEET / CERTIFICATE

PHOSPHORUS PENTASULPHIDE

Grade	: Agrochemical Grade	Spec. No.	: PPS/2009-10
Form	: Coarse Powder	CAS No.	: 1314-80-3
Other Trade Name	: Phosphoric Sulphide Sulphur Phosphides, Thiophosphoric Anhydride	Molecular Weight:	222.2
Chemical Formula	: P ₂ S ₅ (P ₄ S ₁₀)	Hazard Class	: 4YE
Product Description	: Greenish Yellow Coarse Powder Production Plant accredited to ISO 9001-2008	UN NO	: 1148

Specifications	Parameters	Units
Melting Point	: 275-283	°C
Purity	: 98 Min	%
Methanol Yield	: 92 Min	%
Iso Butanol yield	: 94 min	%
P4 Content	: 27.5-28.0	%
Sulphur Content	: 72.1-72.5	%
Reactivity	: 8-9	°C / min
Iron Content	: < 15	ppm
Passing Through		
1.68 mm (ASTM mesh 12)	: Min.95	%
0.85 mm (ASTM mesh 20)	: 85 (± 10%)	%
0.25 mm (ASTM mesh 60)	: 60 (± 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, inquiry@prasolchem.com

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