

PRASOL CHEMICALS LIMITED



PRASOL

PRODUCT DATA SHEET / CERTIFICATE

PHOSPHORUS PENTASULPHIDE

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

| Specifications | Parameters | Units |
|-------------------|-------------|-------|
| Melting Point | : 276-282 | °C |
| Purity | : 98 Min | % |
| Methanol Yield | : 92 Min | % |
| Iso Butanol Yield | : 93 Min | % |
| P4 Content | : 27.8-28.2 | % |
| Sulphur Content | : 71.8-72.2 | % |
| Iron Content | : < 15 | ppm |
| Passing Through: | | |
| 2 mm | : Min.95 | % |
| 1 mm | : 48 -52 | % |
| 0.5 mm | : 9-11 | % |

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 pesticides, Floatation agents and specialty chemicals

Technical Services : For technical assistance, pricing & further information, please contact us at
E-mail – sales@prasolchem.com, inquiry@prasolchem.com.

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