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## Typical Product Specifications & Properties

# Tetraphenylmethane

CAS Number: : 630-76-2

| Specifications               | Limits                                                                                         |
|------------------------------|------------------------------------------------------------------------------------------------|
| Molecular weight             | 320.43                                                                                         |
| SMILES                       | <chem>C(c1ccccc1)(c1ccccc1)(c1ccccc1)c1ccccc1</chem>                                           |
| InChI                        | 1S/C25H20/c1-5-13-21(14-6-1)25(22-15-7-2-8-16-22,23-17-9-3-10-18-23)24-19-11-4-12-20-24/h1-20H |
| InChIKey                     | PEQHIRFAKIASBK-UHFFFAOYSA-N                                                                    |
| Atmospheric OH Rate Constant | 1.72E-11 cm <sup>3</sup> /molecule-sec                                                         |
| Boiling Point                | 431 &deg; C                                                                                    |
| Melting Point                | 282 &deg; C                                                                                    |
| log P (octanol-water)        | 7.040                                                                                          |



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