

**Technical Data Sheet**

**ANILINE**

Aniline is an organic compound with the formula C<sub>6</sub>H<sub>5</sub>NH<sub>2</sub>. Consisting of a phenyl group attached to an amino group, aniline is the prototypical aromatic amine. Its main use is in the manufacture of precursors to polyurethane and other industrial chemical.

**Applications:**

Aniline is used to manufacture:

- Aniline has various uses - it is used to prepare other chemical substances to make polymers.
- used in the dye industry as well.
- Aniline is predominantly used as hardener in polymer industries.
- Aniline is predominantly used as a solvent, and has been used as an antiknock compound for gasoline.

Properties	Value	Test Method
Appearance @ 30 °C	Clear liquid	Visual
Purity	Min. 99.8	GC/1-2.9.3-I015
Nitrobenzene, ppm by weight	Max 5	GC/1-2.9.3-I013
water	Max 0.2	GC/1-2.9.3-I005
Freezing point	-6.2°C	GC/1-2.9.3-N015
Color, APHA	MAX 100	GC/1-2.9.3-I006

Note: The current manufacturing technology of Aniline is based on the Hydrogenation of Nitrobenzene. In 220 lit (200 kg Net.) new steel drum, each 4 drums strapped on a wooden pallet.