

Technical Data Sheet

Santoflex™ 7PPD

Applications

- Polymer modification
- Water treatment industrial

Product Description

Chemical name: N-(1,4-dimethylpentyl)-N'-phenyl-p-phenylenediamine
Molecular weight: 282

Santoflex™ 7PPD is a liquid amine used as a polymerization inhibitor.

MAJOR APPLICATIONS AND PROPERTIES:

- Santoflex™ 7PPD is used as an inhibitor in styrene monomer-, p-methylstyrene-, divinylbenzene and acrylate esters production and as a column antifoulant.
- Santoflex™ 7PPD can also be used for stabilization of emulsion polymerized elastomers. Recommended dosage is 0.3 to 0.6% on a dry basis.

Typical Properties

Property	Typical Value, Units
General	
Form	Liquid
Specific Gravity @ 20/15°C	1.0
Viscosity @ 40°C	116 cSt
@ 70°C	18 cSt

Handling Precautions

For detailed information on toxicological properties and handling precautions please refer to the current Safety Data Sheet. This information sheet can be downloaded from our web site or requested from the nearest Eastman office and should be consulted before handling this product.

Storage

Santoflex™ 7PPD can be stored in drums or in bulk tanks, but it may crystallize below 35°C. If it solidifies, melting the solid with drum heaters or steam cabinets will not affect the quality of the product. For heated bulk storage, at a maximum of 75°C, a nitrogen blanket should be used to prevent product degradation from exposure to oxygen. Do not store material above 75°C for more than 90 days. Also continuously circulate product stored in heated tanks to minimize temperature gradient and reduce heating element fouling, thus maximizing the product consistency.

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