

## PHENOL

GOST 23519-93

Properties	Grade A
Appearance	White crystalline substance
Freezing point, °C, min	40,7
Non-volatile residue, % wt, max	0,001
Optical density of phenol solution (8.3g in 100cm <sup>3</sup> of water) at 20°C, max	0,03
Optical density of sulfonated phenol, max	0,05
Color of melt phenol, Hazen, max	5
Water content, % wt, max	0,03
Total sum of organic impurities, % wt, max	0,01
- including mesityl oxide, % max	0,0015
- sum of alpha-methylstyrene and isopropyl benzene (cumene), %	not specified

### HAZARD IDENTIFICATION AND SAFETY REQUIREMENTS

Toxic substance. May cause severe skin burns and eye damage. Hazardous class 6. Complete safety requirements are written in safety data sheet.

### TRANSPORTATION

In tank-containers, rail tank cars

### APPLICATION

Used in coatings, as binders and release agents, for rubber production and processing, polymer manufacturing, phenolic resin processing and as intermediate substance for other chemicals production.