

Product description

TC-styrene is an organic compound with the chemical formula C₈H₈. It is insoluble in water and soluble in most organic solvents such as ethanol and ether. It is an important monomer for synthetic resins, ion exchange resins, and synthetic rubber.

Appearance	colorless transparent oily liquid	-
Melting point	-	°C
Boiling point	30.6	°C
Relative density	146	Water=1
Relative vapor density	0.91	Air=1
Saturated vapor pressure	3.6	kPa
Heat of combustion	1.33(30.8°C)	kJ/mol
Critical temperature	4376.9	°C
Critical pressure	369	MPa
Octanol/water partition coefficients	3.81	-
Flash point	34.4	°C
Ignition temperature	490	%(V/V)
Upper explosive limit	6.1	%(V/V)
Lower explosive limit	1.1	Unit
Solubleness	Insoluble in water, soluble in alcohol and most organic solvents.	
Main application	Used for manufacturing polystyrene, synthetic rubber, ion-exchange resin, etc.	

Liquid resin package and storage conditions

1. Packed in metal barrel, 180kg/barrel
2. Try to prevent liquid resin from direct sunshine and heat resource
3. Prohibit open before use
4. Flammable, should keep away from open fire
4. Shelf life is 3 months under 25°C
5. Store and operate in a dry, well-ventilated place
6. Please read MSDS carefully before use this product

