

Organics, synthesis and cleaning agents

802681 Cumene for synthesis

Formula Hill	C ₉ H ₁₂		
Chemical formula	C ₆ H ₅ CH(CH ₃) ₂		
Molar mass	120.20 g/mol		
Density	0.86 g/cm ³ (20 °C)		
pH value			
Form	liquid		
Color	colourless		
Odeur	aromatic		
Melting point	-96 °C		
Boiling point	153 °C (1013 hPa)		
Vapor pressure	5.3 hPa (20 °C)	Solubility in water	0.05 g/l (20 °C)
Explosion limits	0.8 - 6.0 Vol%	Solubility in ethanol	
Flash point	31 °C	Solubility in chloroform	
Thermal decomposition		Water absorbtion	
Heat of evaporation		Saturation conc. (air)	22 g/m ³ (20 °C)
Evaporation number		Dielectric constant	
Ignition temperature	420 °C	Dipole moment	
Bulk density		Viscosity dynamical	0.79 mPa*s (20 °C)
Refractive index	1.4915 (20 °C 589 nm)	Viscosity kinematical	

