



**俊源石油集团**  
JunYuan Petroleum Group

## TECHNICAL DATA SHEET

### PENTANE BLENDS

DOT Classification	Pentane Flammable Liquid			
	UN No.	1265		
Other Name	NP50			
Item	Unit	Specification	Test Result	Test Method
Appearance 外观	-	clear colorless	clear colorless	Visual
Color-saybolt 赛博色号	-	+30min	+30	ASTMD 156
Pentane 总戊烷	Wt%	99min	99.37	GC
N-Pentane 正戊烷	Wt%	48-52	59.65	GC
Iso-pentane 异戊烷	Wt%	48-52	39.72	GC
Cyclopentane 环戊烷	Wt%	1max	0.2	GC
Hexane and heavier 己烷后	Wt%	0.5 max	0.4	GC
Butane and lighter 丁烷前	Wt%	0.5 max	0.03	GC
Benzene 苯	ppm	10max	Non detected	GC
Total Oleffines 总烯烃	mg/kg	20max	Non detected	GC
Total Sulfur 总硫	ppm	1max	0.3	ASTM D5453
Bromine Index 溴指数	mgBr/100g	10max	2	ASTM D2710
Water 水	ppm	30max	22	Karl-fisher
Non volatile matter 不挥发物	mg/100mL	0.5max	0.07	ASTM D1353
Sp. Gr(60F/60F) 密度	-	0.61-0.65	0.625	ASTMD4052
Other Information:				
500PPM:OSHA Standard				