

Technical Data Sheet

LITHIUM PHOSPHATE (Fluorescent Grade)
Formula: Li_3PO_4
Formula weight: 115.84
CAS No.: 10377-52-3
Physical-chemical properties: White crystalline powder, hardly soluble in water; soluble in dilute acid, melting point 837°C (1538.6°F), solubility 0.8Kg/l, density 2.54g/cm ³ .
Application: Catalysts / lubricants and color phosphors.
Quality Standard: Q/TJTE 6-2007

Component		LITHIUM PHOSPHATE (Fluorescent Grade)	
Li_3PO_4 Content (Min%)		99.0	99.9
Impurity Content (Max%)	(Ca)	0.0035	0.002
	(Mg)	/	0.001
	(Fe)	0.001	0.0005
	(Cu)	0.0001	0.0001
	(Pb)	0.0001	0.0001
	(Ni)	0.0001	0.0001
	(Cl)	0.05	0.08
Packing: By woven bag with vacuum sealed plastic bag, 25kg/bag. By paper drum with vacuum sealed plastic bags, 30kg/drum.			