

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, special glass and color phosphors.
Quality Standard: Q/TJTE 6-2007

Component		LITHIUM PHOSPHATE (Fluorescent Grade)
Li ₃ PO ₄ Purity (Min%)		99.00%
	Li (%)	17.5~17.8
	P (%)	26.5
	Particle Size: D50 (μm)	60 Max
Impurity Content (Max ppm)	SO ₄ ²⁻	1500
	Cl ⁻	100
	Na ⁺	250
	K ⁺	50
	Ca	100
	Mg	100
	Al	30
	Pb	20
	Ni	20
	Cr	20
	Cu	10
	Zn	10
	Mn	10
	Magnetic Impurities	3
	H ₂ O (ppm)	3000 Max
Packing: By woven bag with vacuum sealed plastic bag, 500kg/bag.		