



## KILBURN CHEMICALS LTD

(ISO 9001:2000 CERTIFIED COMPANY)

### **KILBURN BRAND TITANIUM DIOXIDE ANATASE**

#### **PRINTING INK APPLICATION**

##### **Characteristics**

pH of the pigment (20% slurry)	: 6.00 – 8.00
Purity as TiO <sub>2</sub> , % by mass	: 98.5 min.
Matter soluble in water, % by mass	: 0.32 max.
Residue on 45 micron IS sieve, % by mass	: 0.08 max.
Oil absorption, % by mass	: 22.0 – 24.0
Water absorption, % by mass	: 29.0 – 31.0
Color in oil	: Match with Standard
Reducing power	: Match with Standard
Dispersion	: Excellent
Viscosity, cps (Spindle No.3 @ 60rpm)	: 700 max.
L*	: 98.6 min.
a*	: 0.05 to -0.12
b*	: 1.00 to 1.20
YIE 313	: 1.90 to 2.20
WI CIE	: 92.2 min.
457 Brightness	: 95.6 min.

\*\*\*\*\*