

**SUPPLY OF CENTRIFUGED LATEX 2016-17**

<b>Specification of Double Centrifuged Latex</b>	<b>QUANTITY IN KG</b>		
	<b>Peroorkada factory, Thiruvananthapuram</b>	<b>Kanakala Factory, Belgaum</b>	<b>Irapuram Factory, Cochin</b>
1. Appearance : Clear milky white colour without grey/yellow 2. Odour : No putrefactive odour after the neutralization of Ammonia with Boric Acid. 3. DRC (%) : 60.0 min. by wt. 4. TS - DRC (%) (NRC) : 1.0 Max. 5. Total Alkalinity (%) (Titration method) : 1.8 - 2.5 6. Viscosity (B -Type Viscometer at 25°C & 60% TS) (CP) : 50 – 85 7. VFA No. (KOH g/100g Solid) : 0.05 Max. 8. MST (Second) : 800 – 1200 9. KOH No. : 0.6 Max. 10. PH Value at 25°C : 10 –11.5 11. ZOV (Viscosity after adding 5g. of 40% ZnO) after 5 minutes & to original Viscosity : A Maximum of 25% thickening compared at 25°C (CP) 12. ZOV after 60 minutes & at 25°C : A maximum of 30% thickening (CP) compared to original Viscosity. 13. ZST after 60 minutes (Sec.) : 75 (min) or at least 9% retention of the original MST. 14. ZHST after 60 minutes (Sec.) : 200 – 450 at 90 ± 2°C	40,00,000	6,20,000	5,00,000

**SPECIFICATION: SINGLE CENTRIFUGED LATEX**

**For Irapuram Factory, Cochin & Peroorkada Factory, Thiruvananthapuram.**

<b>Sl.No.</b>	<b>Parameters</b>	<b>Specification</b>
1.	Appearance	Clear milky white colour without grey / yellow
2.	Odour	No putrefactive odour after the neutralization of ammonia with Boric acid
3.	Dry rubber content (%) by mass	60 min
4.	Non Rubber Content (%) by mass	1.5 max
5.	Alkalinity as ammonia (%) by mass	0.6 min
6.	Volatile Fatty Acid No.	0.05 max
7.	Mechanical stability Time (Second)	650 min
8.	KOH No.	0.62 max
9.	Sludge Content (%) by mass	0.1 max

Sl.No.	Parameters	Specification
10.	Magnesium Content(ppm)	50.00 max
11.	Viscosity(B-type viscometer at 25°C and 60%TS)(CP)Spindle No.2	55 – 90 CP
12	ZoV (viscosity after adding 5gm of 40% ZnO) after 5mts & at 25°C (Spindle No.2)	A max. of 30% thickening compared to original viscosity
13	Zov after 60mts & at 25°C(CP) (Spindle No.2)	A max. of 35% thickening compared to original viscosity
14	Copper content (ppm)	8 Max
15	Manganese content(ppm)	8 Max
16	Coagulum content (%) by mass	0.05 Max

### **QUANTITY REQUIRED**

#### **a. Trivandrum**

Single Centrifuged Latex: **920000 KG**

#### **c. Irapuram**

Single Centrifuged Latex: **3,14,280 KG**