

Chemicals

Sr.	Description/Specifications	Quantity
1.	Lecithin (solid) CAS no 8002-43-5 Make: Fisher Scientific or equivalent Detailed technical specifications as per enclosed Annexure	150 kg
2.	Antioxidant (AO-2246) BKF CAS no 119-47-1 Make: Mercek or equivalent Detailed technical specifications as per enclosed Annexure	30 kg
3.	Dibutyltin Tindilaurate (DBTDL) Packing: 01 kg Detailed technical specifications as per enclosed Annexure	15 kg
4.	Isophorone Diisocyanate (IPDI) Detailed technical specifications as per enclosed Annexure	400 liter
5.	High vacuum grease Brand: Dow corning or equivalent Detailed technical specifications as per enclosed Annexure	25 kg

Important Note:

- Make and country of origin should be clearly mentioned in quotation.

Specifications of Required Chemicals

Sr No.	Item Name & Description	Required Quantity
1.	<u>Lecithin (Solid)</u> C.A.S No. 8002-43-5 Grade PC > 70 % Acetone insoluble.... Min 70 % Physical form Powder or granules Moisture Max..... 1 % Melting Point 236 °C Make Fisher Scientific or equivalent	150 kg
2.	<u>Antioxidant (AO-2246) BKF</u> (Merck or equivalent) (2,2'-Methylene-bis(4-methyl-6-tert-butylphenol) Specifications Item..... Powder/granular C.A.S No. 119-47-1 Appearance..... Cream white crystalline powder M.P. °C ≥ 124 – 128 Loss on drying % ≤..... 0.30 Ash % ≤ 0.10 Residues on 150µm sieve, % ≤.....0.50	30 kg
3.	<u>Dibutyltin Tindilaurate (DBTDL)</u> (01 kg packing) State Liquid (warm day). Soft crystals when cold, Freezes at 8.0 °C. Specific Gravity (water=1) 1.07 Refractive index (@ 20 °C) 1.4683 Molecular Weight 631.56 Melting Range (°F) 72- 75 Solubility in water (g/L) Immiscible Flash Point (°F) 439. Vapor Pressure (mmHg) 0.225 @ 160 °C	15 kg
4.	<u>Isophorone Diisocyanate (IPDI)</u> Appearance Clear liquid Odor Pungent Bulk density 1058 kg/m ³ Specific heat at 20°C 1.68 kJ/kg Temperature of crystallization < - 60°C Boiling point under 1.33 KPa 158°C Vapor pressure: at 50°C 0.9 Pa Self-ignition temperature 430°C, Flash point (closed cup) 155°C Vapor density (air = 1) 7.63, Refractive index nD 25 1.483 Dynamic viscosity.at 20°C 15 mPa.s	400 liter
5.	<u>High Vacuum Grease</u> Brand: Dow Corning <i>or equivalent</i> Physical Form:Grease Color: Translucent white, Odor: Odorless Specific Gravity @ 25°C: 1.1, Viscosity: 2000000 cSt Flash Point: > 572 °F / > 300 °C (Closed Cup)	25 kg