



**INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION**  
(Affiliated to Ministry of Commerce and Industry, Govt of India)

**YEARLY REQUIREMENT : RUBBER CHEMICALS**

| Sr.No. | Material   | Qty (Kg) | Rate/Unit (Rs.) |
|--------|--|----------|-----------------|
| 1      | Carbon Black – ISAF  | 100      |                 |
| 2      | Carbon Black – HAF   | 100      |                 |
| 3      | Carbon Black – FEF   | 100      |                 |
| 4      | Carbon Black – SRF   | 200      |                 |
| 5      | Carbon Black – MT Black  | 100      |                 |
| 6      | Carbon Black – GPF   | 100      |                 |
| 7      | Ultrasil VN3   | 100      |                 |
| 8      | Soft Clay  | 100      |                 |
| 9      | Hard Clay  | 100      |                 |
| 10     | Calcium Hydroxide  | 30       |                 |
| 11     | DIAC 3   | 20       |                 |
| 12     | Whiting  | 100      |                 |
| 13     | Magnesium Oxide  | 100      |                 |
| 14     | Zinc Oxide   | 100      |                 |
| 15     | Stearic Acid   | 100      |                 |
| 16     | Microcrystalline Wax   | 40       |                 |
| 17     | Paraffinic Wax   | 40       |                 |
| 18     | PF Resin   | 30       |                 |
| 19     | CI Resin   | 30       |                 |
| 20     | Aromatic Oil   | 100 Ltr  |                 |
| 21     | Paraffinic Oil   | 100 Ltr  |                 |
| 22     | Naphthenic Oil   | 100 Ltr  |                 |
| 23     | DOP oil  | 100 Ltr  |                 |
| 24     | DOS Oil  | 100 Ltr  |                 |
| 25     | N-(1,3-Dimethyl Butyl)-N'-Phenyl-P-Phenylene Diamine (4020 / 6PPD) | 40       |                 |
| 26     | 2,2,4-Trimethyl-1,2-Hydroquinoline (TDQ)                           | 40       |                 |



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|--------|--|----------|------------|
| 27     | Naugard445   | 40       |            |
| 37     | NDBC   | 40       |            |
| 38     | Toluene(Commercial grade)                                      | 100      |            |
| 39     | Tetramethyl Thiuram Disulfide (TMTD)                           | 50       |            |
| 40     | N-Cyclohexyl Benzothiazole Sulfenamide (CBS)                   | 50       |            |
| 41     | Benzothiazole Disulfide (MBTS)                                 | 100      |            |
| 42     | N-t-Butyl 2-Benzothiazole Sulfenamide (TBBS)                   | 100      |            |
| 43     | Zinc Dibutyl Dithiocarbamate (ZDBC)                            | 40       |            |
| 44     | Zinc Diethyl Dithiocarbamate (ZDEC)                            | 40       |            |
| 45     | Diphenyl Guanidine (DPG)                                       | 30       |            |
| 46     | Ethylene Thiourea ( Na22)                                      | 50       |            |
| 47     | Dipentamethylene Thiuram Tetra/Hexasulfide ( DPTT or Tetron A) | 30       |            |
| 48     | Dicumyl Peroxide ( DCP 40)                                     | 30       |            |
| 49     | Sulphur  | 100      |            |
| 50     | Polish paper(100,120,180,210,250)                              | 50       |            |
| 51     | Silicon Emulsifier   | 50       |            |
| 52     | French Chalk powder  | 50       |            |
| 53     | Toluene AR grade   | 100 Ltr  |            |
| 54     | Chemlok 205 / 220  | 25 Ltr   |            |
| 55     | Wax  | 10       |            |
| 56     | Monocoat   | 25 No's  |            |



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|---------------|--|-----------------|-------------------|
|               | Natural Rubber – RMA 1X                                    | 120             |                   |
|               | Natural Rubber – RSS IV                                    | 120             |                   |
|               | <b>Indian Standard Natural Rubber (ISNR)<br/>– ISNR 20</b> | 140             |                   |
|               | Nitrile Rubber – JSR230SL                                  | 210             |                   |
|               | Polychloroprene Rubber – B30                               | 100             |                   |
|               | EPDM Rubber – Keltan 4450S                                 | 100             |                   |
|               | SBR Rubber – SBR1502                                       | 120             |                   |
|               | Hypalon 504  | 100             |                   |
|               | Viton E 60 L   | 100             |                   |