

**PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS /CHEMICALS /CATALYSTS/ADDITIVES**

**MINISTRY/DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS**

**Financial Year 2020-21**

<b>Sl. No</b>	<b>CHEMICAL NAME</b>	<b>BROAD SPECIFICATION PARAMETERS</b>	<b>QUANTITY FOR FY 2020-2021</b>	<b>ACCOUNTING UNITS(UOM/NO./MT)</b>	<b>TOTAL VALUE Rs (In Crore) per Year (INR)</b>
1	PP CATALYSTS	PP CATALYSTS USED IN THE POLYPROPYLENE UNIT AT BCPL PLANT	2252	KG	5.217
2	PE CATALYSTS	PE CATALYSTS USED IN THE HDPE/LLDPE UNIT AT BCPL PLANT	23467.5	KG	22.623
3	TEAL	TEAL IS USED AS CO CATALYSTS IN LLDPE/HDPE AND PP UNIT	71117.3	KG	2.247
4	MOLECULAR SEIVES/INERT LLDPE (ADSORBENT) / CATALYTS for TREATERS	MOLECULAR SEIVES ARE USED FOR ADSORBING AND TREATING THE IMPURITIES AT LLDPE/HDPE UNIT	135000	KG	5.994
5	MOLECULAR SEIVES/INERT PPU (ADSORBENT) / CATALYTS for TREATERS	MOLECULAR SEIVES ARE USED FOR ADSORBING AND TREATING THE IMPURITIES AT POLYPROPYLENE UNIT	23000	KG	2.160
6	ATMER	ATMER IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	294	KG	0.041
7	PEROXIDE	PEROXIDE IS USED IN THE TREATMENT PROCESS IN POLYMER PRODUCTION	500	KG	0.050
8	I-168	I-168 IS USED AS ANTIOXIDANT/PROCESS STABILIZER IN LLDPE/HDPE & PP UNIT	243167.2	KG	5.617

9	I-1010	I-1010 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN LLDPE/HDPE & PP UNIT	78447.3	KG	2.455
10	ANTIOXIDANT 3114	AO 3114 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN PP UNIT	1440	KG	0.144
11	ANTIOXIDANT 1330	AO 1330 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN PP UNIT	1000	KG	0.100
12	CO STABILIZER 802	CO STABILIZER 802 IS USED AS SECONDARY ANTIOXIDANT IN POLYPROPYLENE UNIT	5000	KG	0.250
13	DIHYDROTALCITE	DIHYDROTALCITE IS USED AS ACID SCAVENGER IN POLYPROPYLENE UNIT	11181	KG	0.284
14	PHOSPHIE PEPQ	PHOSPHIE PEPQ IS USED AS PROCESS STABILIZER IN POLYPROPYLENE UNIT	2800	KG	0.383
15	DSTDP	DSTDP IS USED AS ADDITIVE IN LLDPE/HDPE UNIT	6000	KG	0.204
16	ANTIBLOCK SILICA FOR PP	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN POLYPROPYLENE UNIT	30360	KG	1.002
17	ANTIBLOCK SILICA FOR LLDPE	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN LLDPE/HDPE UNIT	551587.5	KG	9.984
18	POLYMER PROCESSING AID	POLYMER PROCESSING AID IS USED AS PROCESSING AID IN LLDPE/HDPE UNIT.	7640	KG	0.879
19	GMS 55	GMS 55 IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	5000	KG	0.800

20	GMS 90	GMS 90 IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	5000	KG	0.800
21	HALS 622	HALS 622 IS USED AS LONG TERM HEAT AND UV STABILIZER IN POLYPROPYLENE UNIT	5000	KG	1.000
22	UV STABILIZER 944	UV STABILIZER 944 IS USED AS UV STABILIZING AGENT	5000	KG	1.000
23	IRGASAB FS042	IRGASAB FS042 IS USED AS PROCESS STABILIZER	5000	KG	0.750
24	IRGANOX 1425	IRGANOX 1425 IS USED AS LONG TERM HEAT STABILIZER	5000	KG	0.750
25	CLARIFIER	CLARIFIER IS USED FOR PRODUCTION OF PARTICULAR GRADE OF POLYPROPYLENE TO IMPROVE ITS PROPERTY	5000	KG	0.750
26	PE-LD	PE-LD IS USED AS FILM MODIFIER FOR PRODUCTION OF PARTICULAR GRADE OF POLYPROPYLENE TO IMPROVE ITS PROPERTY	5000	KG	0.750
27	SODIUM BENZOATE	SODIUM BENZOATE IS USED AS NUCLEATING AGENT IN THE PRODUCTION OF A PARTICULAR GRADE OF POLYPROPYLENE	1500	KG	0.225
28	STRONG BASE ANION EXCHANGE RESIN	STRONG BASE ANION EXCHANGE RESIN IS USED AS RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	8500	LTRS	<b>0.275</b>
29	STRONG ACID CATION EXCHANGE RESIN	STRONG ACID CATION EXCHANGE RESIN S RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	8700	LTRS	0.137

30	TALC	TALC IS USED IN ENHANCING THE PROPERTIES OF THE POLYMER IN THE RIGIDITY AND STIFFNESS OF POLYMER	1000	KG	0.100
31	BUTENE-1	BUTENE-1 IS USED AS CO-MONOMER IN THE LLDPE/HDPE POLYMER PRODUCTION	23250	MT	220.875
32	SLIP AGENT	SLIP AGENT IS USED AS A SLIP AGENT IN LLDPE/HDPE & PP UNIT .	276896	KG	7.476
33	RADIANT COIL & TUBES FOR SRT-VI	RADIANT COIL & TUBES FOR SRT-VI IN THE ETHYLENE CRACKER UNIT	6 coils & 25 tubes of SRT-VI furnace	NOS.	9.000

**Financial Year 2021-22**

Sl. No	CHEMICAL NAME	BROAD SPECIFICATION PARAMETERS	QUANTITY FOR FY 2021-2022	ACCOUNTING UNITS(UOM/NO./MT)	TOTAL VALUE Rs (In Crore) per Year (INR)
1	PP CATALYSTS	PP CATALYSTS USED IN THE POLYPROPYLENE UNIT AT BCPL PLANT	2265	KG	5.247
2	PE CATALYSTS	PE CATALYSTS USED IN THE HDPE/LLDPE UNIT AT BCPL PLANT	26290	KG	25.344
3	TEAL	TEAL IS USED AS CO CATALYSTS IN LLDPE/HDPE AND PP UNIT	76792	KG	2.427
4	ATMER	ATMER IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	371	KG	0.052
5	PEROXIDE	PEROXIDE IS USED IN THE TREATMENT PROCESS IN POLYMER PRODUCTION	500	KG	0.050
6	I-168	I-168 IS USED AS ANTIOXIDANT/PROCESS STABILIZER IN LLDPE/HDPE & PP UNIT	256457	KG	5.924
7	I-1010	I-1010 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN LLDPE/HDPE & PP UNIT	82380	KG	2.578
8	ANTIOXIDANT 3114	AO 3114 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN PP UNIT	1440	KG	0.144

9	ANTIOXIDANT 1330	AO 1330 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN PP UNIT	1000	KG	0.100
10	CO STABILIZER 802	CO STABILIZER 802 IS USED AS SECONDARY ANTIOXIDANT IN POLYPROPYLENE UNIT	5000	KG	0.250
11	DIHYDROTALCITE	DIHYDROTALCITE IS USED AS ACID SCAVENGER IN POLYPROPYLENE UNIT	10682	KG	0.272
12	PHOSPHIE PEPQ	PHOSPHIE PEPQ IS USED AS PROCESS STABILIZER IN POLYPROPYLENE UNIT	2800	KG	0.383
13	DSTDP	DSTDP IS USED AS ADDITIVE IN LLDPE/HDPE UNIT	6000	KG	0.204
14	ANTIBLOCK SILICA FOR PP	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN POLYPROPYLENE UNIT	28393	KG	0.937
15	ANTIBLOCK SILICA FOR LLDPE	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN LLDPE/HDPE UNIT	591250	KG	10.702
16	POLYMER PROCESSING AID	POLYMER PROCESSING AID IS USED AS PROCESSING AID IN LLDPE/HDPE UNIT.	7640	KG	0.879
17	GMS 55	GMS 55 IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	5000	KG	0.800
18	GMS 90	GMS 90 IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	5000	KG	0.800
19	HALS 622	HALS 622 IS USED AS LONG TERM HEAT AND UV STABILIZER IN POLYPROPYLENE UNIT	5000	KG	1.000
20	UV STABILIZER 944	UV STABILIZER 944 IS USED AS UV STABILIZING AGENT	5000	KG	1.000
21	IRGASAB FS042	IRGASAB FS042 IS USED AS PROCESS STABILIZER	5000	KG	0.750
22	IRGANOX 1425	IRGANOX 1425 IS USED AS LONG TERM HEAT STABILIZER	5000	KG	0.750
23	CLARIFIER	CLARIFIER IS USED FOR PRODUCTION OF PARTICULAR GRADE OF POLYPROPYLENE TO IMPROVE ITS PROPERTY	5000	KG	0.750
24	PE-LD	PE-LD IS USED AS FILM MODIFIER FOR PRODUCTION OF PARTICULAR GRADE OF POLYPROPYLENE TO IMPROVE ITS PROPERTY	5000	KG	0.750

25	SODIUM BENZOATE	SODIUM BENZOATE IS USED AS NUCLEATING AGENT IN THE PRODUCTION OF A PARTICULAR GRADE OF POLYPROPYLENE	1500	KG	0.225
26	STRONG BASE ANION EXCHANGE RESIN	STRONG BASE ANION EXCHANGE RESIN IS USED AS RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	8500	LTRS	0.275
27	STRONG ACID CATION EXCHANGE RESIN	STRONG ACID CATION EXCHANGE RESIN S RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	8700	LTRS	0.137
28	TALC	TALC IS USED IN ENHANCING THE PROPERTIES OF THE POLYMER IN THE RIGIDITY AND STIFFNESS OF POLYMER	1000	KG	0.100
29	BUTENE-1	BUTENE-1 IS USED AS CO-MONOMER IN THE LLDPE/HDPE POLYMER PRODUCTION	23250	MT	220.875
30	SLIP AGENT	SLIP AGENT IS USED AS A SLIP AGENT IN LLDPE/HDPE & PP UNIT .	296103	KG	7.995

**Financial Year 2022-23**

Sl. No	CHEMICAL NAME	BROAD SPECIFICATION PARAMETERS	QUANTITY FOR FY 2022-2023	ACCOUNTING UNITS(UOM/NO./MT)	TOTAL VALUE Rs (In Crore) per Year (INR)
1	PP CATALYSTS	PP CATALYSTS USED IN THE POLYPROPYLENE UNIT AT BCPL PLANT	2265	KG	5.247
2	PE CATALYSTS	PE CATALYSTS USED IN THE HDPE/LLDPE UNIT AT BCPL PLANT	26290	KG	25.344
3	TEAL	TEAL IS USED AS CO CATALYSTS IN LLDPE/HDPE AND PP UNIT	76792	KG	2.427
4	ATMER	ATMER IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	371	KG	0.052
5	PEROXIDE	PEROXIDE IS USED IN THE TREATMENT PROCESS IN POLYMER PRODUCTION	500	KG	0.050
6	I-168	I-168 IS USED AS ANTIOXIDANT/PROCESS STABILIZER IN LLDPE/HDPE & PP UNIT	256457	KG	5.924
7	I-1010	I-1010 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN LLDPE/HDPE & PP UNIT	82380	KG	2.578
8	ANTIOXIDANT 3114	AO 3114 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN PP UNIT	1440	KG	0.144

9	ANTIOXIDANT 1330	AO 1330 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN PP UNIT	1000	KG	0.100
10	CO STABILIZER 802	CO STABILIZER 802 IS USED AS SECONDARY ANTIOXIDANT IN POLYPROPYLENE UNIT	5000	KG	0.250
11	DIHYDROTALCITE	DIHYDROTALCITE IS USED AS ACID SCAVENGER IN POLYPROPYLENE UNIT	10682	KG	0.272
12	PHOSPHIE PEPQ	PHOSPHIE PEPQ IS USED AS PROCESS STABILIZER IN POLYPROPYLENE UNIT	2800	KG	0.383
13	DSTDP	DSTDP IS USED AS ADDITIVE IN LLDPE/HDPE UNIT	6000	KG	0.204
14	ANTIBLOCK SILICA FOR PP	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN POLYPROPYLENE UNIT	28393	KG	0.937
15	ANTIBLOCK SILICA FOR LLDPE	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN LLDPE/HDPE UNIT	591250	KG	10.702
16	POLYMER PROCESSING AID	POLYMER PROCESSING AID IS USED AS PROCESSING AID IN LLDPE/HDPE UNIT.	7640	KG	0.879
17	GMS 55	GMS 55 IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	5000	KG	0.800
18	GMS 90	GMS 90 IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	5000	KG	0.800
19	HALS 622	HALS 622 IS USED AS LONG TERM HEAT AND UV STABILIZER IN POLYPROPYLENE UNIT	5000	KG	1.000
20	UV STABILIZER 944	UV STABILIZER 944 IS USED AS UV STABILIZING AGENT	5000	KG	1.000
21	IRGASAB FS042	IRGASAB FS042 IS USED AS PROCESS STABILIZER	5000	KG	0.750
22	IRGANOX 1425	IRGANOX 1425 IS USED AS LONG TERM HEAT STABILIZER	5000	KG	0.750
23	CLARIFIER	CLARIFIER IS USED FOR PRODUCTION OF PARTICULAR GRADE OF POLYPROPYLENE TO IMPROVE ITS PROPERTY	5000	KG	0.750
24	PE-LD	PE-LD IS USED AS FILM MODIFIER FOR PRODUCTION OF PARTICULAR GRADE OF POLYPROPYLENE TO IMPROVE ITS PROPERTY	5000	KG	0.750

25	SODIUM BENZOATE	SODIUM BENZOATE IS USED AS NUCLEATING AGENT IN THE PRODUCTION OF A PARTICULAR GRADE OF POLYPROPYLENE	1500	KG	0.225
26	STRONG BASE ANION EXCHANGE RESIN	STRONG BASE ANION EXCHANGE RESIN IS USED AS RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	8500	LTRS	0.275
27	STRONG ACID CATION EXCHANGE RESIN	STRONG ACID CATION EXCHANGE RESIN S RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	8700	LTRS	0.137
28	TALC	TALC IS USED IN ENHANCING THE PROPERTIES OF THE POLYMER IN THE RIGIDITY AND STIFFNESS OF POLYMER	1000	KG	0.100
29	BUTENE-1	BUTENE-1 IS USED AS CO-MONOMER IN THE LLDPE/HDPE POLYMER PRODUCTION	23250	MT	220.875
30	SLIP AGENT	SLIP AGENT IS USED AS A SLIP AGENT IN LLDPE/HDPE & PP UNIT .	296103	KG	7.995

**Financial Year 2023-24**

Sl. No	CHEMICAL NAME	BROAD SPECIFICATION PARAMETERS	QUANTITY FOR FY 2023-2024	ACCOUNTING UNITS(UOM/NO./MT)	TOTAL VALUE Rs (In Crore) per Year (INR)
1	PP CATALYSTS	PP CATALYSTS USED IN THE POLYPROPYLENE UNIT AT BCPL PLANT	2265	KG	5.247
2	PE CATALYSTS	PE CATALYSTS USED IN THE HDPE/LLDPE UNIT AT BCPL PLANT	26290	KG	25.344
3	TEAL	TEAL IS USED AS CO CATALYSTS IN LLDPE/HDPE AND PP UNIT	76792	KG	2.427
4	ATMER	ATMER IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	371	KG	0.052
5	PEROXIDE	PEROXIDE IS USED IN THE TREATMENT PROCESS IN POLYMER PRODUCTION	500	KG	0.050
6	I-168	I-168 IS USED AS ANTIOXIDANT/PROCESS STABILIZER IN LLDPE/HDPE & PP UNIT	256457	KG	5.924
7	I-1010	I-1010 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN LLDPE/HDPE & PP UNIT	82380	KG	2.578
8	ANTIOXIDANT 3114	AO 3114 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN PP UNIT	1440	KG	0.144



9	ANTIOXIDANT 1330	AO 1330 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN PP UNIT	1000	KG	0.100
10	CO STABILIZER 802	CO STABILIZER 802 IS USED AS SECONDARY ANTIOXIDANT IN POLYPROPYLENE UNIT	5000	KG	0.250
11	DIHYDROTALCITE	DIHYDROTALCITE IS USED AS ACID SCAVENGER IN POLYPROPYLENE UNIT	10682	KG	0.272
12	PHOSPHIE PEPQ	PHOSPHIE PEPQ IS USED AS PROCESS STABILIZER IN POLYPROPYLENE UNIT	2800	KG	0.383
13	DSTDP	DSTDP IS USED AS ADDITIVE IN LLDPE/HDPE UNIT	6000	KG	0.204
14	ANTIBLOCK SILICA FOR PP	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN POLYPROPYLENE UNIT	28393	KG	0.937
15	ANTIBLOCK SILICA FOR LLDPE	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN LLDPE/HDPE UNIT	591250	KG	10.702
16	POLYMER PROCESSING AID	POLYMER PROCESSING AID IS USED AS PROCESSING AID IN LLDPE/HDPE UNIT.	7640	KG	0.879
17	GMS 55	GMS 55 IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	5000	KG	0.800
18	GMS 90	GMS 90 IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	5000	KG	0.800
19	HALS 622	HALS 622 IS USED AS LONG TERM HEAT AND UV STABILIZER IN POLYPROPYLENE UNIT	5000	KG	1.000
20	UV STABILIZER 944	UV STABILIZER 944 IS USED AS UV STABILIZING AGENT	5000	KG	1.000
21	IRGASAB FS042	IRGASAB FS042 IS USED AS PROCESS STABILIZER	5000	KG	0.750
22	IRGANOX 1425	IRGANOX 1425 IS USED AS LONG TERM HEAT STABILIZER	5000	KG	0.750
23	CLARIFIER	CLARIFIER IS USED FOR PRODUCTION OF PARTICULAR GRADE OF POLYPROPYLENE TO IMPROVE ITS PROPERTY	5000	KG	0.750
24	PE-LD	PE-LD IS USED AS FILM MODIFIER FOR PRODUCTION OF PARTICULAR GRADE OF POLYPROPYLENE TO IMPROVE ITS PROPERTY	5000	KG	0.750

25	SODIUM BENZOATE	SODIUM BENZOATE IS USED AS NUCLEATING AGENT IN THE PRODUCTION OF A PARTICULAR GRADE OF POLYPROPYLENE	1500	KG	0.225
26	STRONG BASE ANION EXCHANGE RESIN	STRONG BASE ANION EXCHANGE RESIN IS USED AS RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	8500	LTRS	0.275
27	STRONG ACID CATION EXCHANGE RESIN	STRONG ACID CATION EXCHANGE RESIN S RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	8700	LTRS	0.137
28	TALC	TALC IS USED IN ENHANCING THE PROPERTIES OF THE POLYMER IN THE RIGIDITY AND STIFFNESS OF POLYMER	1000	KG	0.100
29	BUTENE-1	BUTENE-1 IS USED AS CO-MONOMER IN THE LLDPE/HDPE POLYMER PRODUCTION	23250	MT	220.875
30	SLIP AGENT	SLIP AGENT IS USED AS A SLIP AGENT IN LLDPE/HDPE & PP UNIT .	296103	KG	7.995

**Financial Year 2024-25**

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4	ATMER	ATMER IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	371	KG	0.052
5	PEROXIDE	PEROXIDE IS USED IN THE TREATMENT PROCESS IN POLYMER PRODUCTION	500	KG	0.050
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28	TALC	TALC IS USED IN ENHANCING THE PROPERTIES OF THE POLYMER IN THE RIGIDITY AND STIFFNESS OF POLYMER	1000	KG	0.100
29	BUTENE-1	BUTENE-1 IS USED AS CO-MONOMER IN THE LLDPE/HDPE POLYMER PRODUCTION	23250	MT	220.875
30	SLIP AGENT	SLIP AGENT IS USED AS A SLIP AGENT IN LLDPE/HDPE & PP UNIT .	296103	KG	7.995