

PETROCHEMICAL PRODUCTS LABORATORY

NO. CRT.	TEST	STANDARD / METHOD
	TESTS FOR POLYPROPYLENE	
1	DETERMINATION OF MOISTURE IN PLASTICS BY LOSS IN WEIGHT	ASTM D6980
2	DETERMINATION OF XYLENE SOLUBLES IN PROPYLENE PLASTICS	ASTM D5492
3	DETERMINATION ASH CONTENT IN PLASTICS	ASTM D5630
4	DETERMINATION OF CONTAMINATION PELLETS	Internal method
5	DETERMINING COLOR TO PLASTICS MATERIALS	ASTM E313
6	DETERMINATION OF THE MELT MASS-FLOW RATE (MFR) AND THE MELT VOLUME-FLOW RATE (MVR) OF THERMOPLASTICS	ASTM D1238
7	DETERMINATION OF THE MELT MASS-FLOW RATE (MFR) AND THE MELT VOLUME-FLOW RATE (MVR) OF THERMOPLASTICS	ISO 1133
8	TEST METHOD FOR DENSITY OF PLASTICS BY THE DENSITY-GRADIENT TECHNIQUE	ASTM D1505
9	TEST METHOD FOR DENSITY OF PLASTICS BY THE DENSITY-GRADIENT TECHNIQUE	ISO1183-2
10	DETERMINATION OF TENSILE PROPERTIES OF PLASTICS	ISO 527/1,2
11	DETERMINATION OF TENSILE PROPERTIES OF PLASTICS	ASTM D638
12	DETERMINATION OF FLEXURAL PROPERTIES	ISO 178
13	DETERMINATION OF FLEXURAL PROPERTIES	ASTM D790
14	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ASTM D256
15	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ASTM D4812
16	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ISO 180
17	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ISO 179
18	DETERMINING THE CHARPY PENDULUM IMPACT RESISTANCE OF PLASTICS	ASTM D6110
19	DETERMINATION OF THE VICAT SOFTENING TEMPERATURE (VST) OF THERMOPLASTIC MATERIALS	ISO 306
20	DETERMINATION OF THE VICAT SOFTENING TEMPERATURE (VST) OF THERMOPLASTIC MATERIALS	ASTM D1525
21	DETERMINATION OF THE TEMPERATURE OF DEFLECTION UNDER LOAD (FLEXURAL STRESS UNDER THREE-POINT LOADING) OF POLIMERS	ISO 75
22	DETERMINATION OF THE TEMPERATURE OF DEFLECTION UNDER LOAD (FLEXURAL STRESS UNDER THREE-POINT LOADING) OF POLIMERS	ASTM D648

23	STANDARD TEST METHOD FOR HAZE AND LUMINOUS TRANSMITTANCE OF TRANSPARENT PLASTICS	ASTM D1003
24	STANDARD TEST METHOD FOR SPECULAR GLOSS OF PLASTIC FILMS AND SOLID PLASTICS	ASTM D2457
25	DETERMINATION OF THE TENSILE PROPERTIES OF PLASTICS FILMS	ISO 527
26	DETERMINATION OF THE TENSILE PROPERTIES OF PLASTICS FILMS	ASTM D882
27	DETERMINATION OF RESIDUAL SOLVENTS BY STATIC HEADSPACE GAS CHROMATOGRAPHY	EN 13628
28	DETERMINATION OF METAL COMPONENTS IN PP (PB/CD/CR/HG, ETC)	ICP-MS method
29	SPECIFIC MIGRATION TEST	OM3
30	GLOBAL MIGRATION TEST	MetOM2
	ATACTIC POLYPROPYLENE	
1	SOFTENING POINT	LP-APP-EN1427
2	DETERMINATION OF ISOTACTICITY	LP-APP-ISO 9113
3	DETERMINATION OF RESIDUAL SOLVENTS BY STATIC HEADSPACE GAS CHROMATOGRAPHY	LP-APP-EN13628
	TESTS FOR LOW-DENSITY POLYETHYLENE	
1	DETERMINATION OF MOISTURE IN PLASTICS BY LOSS IN WEIGHT	ASTM D6980
2	DETERMINATION ASH CONTENT IN PLASTICS	ASTM D5630
3	DETERMINATION OF CONTAMINATION PELLETS	Internal method
4	DETERMINING COLOR TO PLASTICS MATERIALS	ASTM E313
5	DETERMINATION OF THE MELT MASS-FLOW RATE (MFR) AND THE MELT VOLUME-FLOW RATE (MVR) OF THERMOPLASTICS	ASTM D1238
6	DETERMINATION OF THE MELT MASS-FLOW RATE (MFR) AND THE MELT VOLUME-FLOW RATE (MVR) OF THERMOPLASTICS	ISO 1133
7	TEST METHODS FOR DENSITY AND SPECIFIC GRAVITY (RELATIVE DENSITY) OF PLASTICS BY DISPLACEMENT	ASTM D792
8	TEST METHOD FOR DENSITY OF PLASTICS BY THE DENSITY-GRADIENT TECHNIQUE	ASTM D1505
9	TEST METHOD FOR DENSITY OF PLASTICS BY THE DENSITY-GRADIENT TECHNIQUE	ISO1183-2
10	DETERMINATION OF TENSILE PROPERTIES OF PLASTICS	ISO 527/1,2
11	DETERMINATION OF TENSILE PROPERTIES OF PLASTICS	ASTM D638
12	DETERMINATION OF FLEXURAL PROPERTIES	ISO 178
13	DETERMINATION OF FLEXURAL PROPERTIES	ASTM D790
14	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ASTM D256
15	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ASTM D4812
16	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ISO 180
17	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ISO 179

18	DETERMINING THE CHARPY PENDULUM IMPACT RESISTANCE OF PLASTICS	ASTM D6110
19	DETERMINATION OF THE VICAT SOFTENING TEMPERATURE (VST) OF THERMOPLASTIC MATERIALS	ISO 306
20	DETERMINATION OF THE VICAT SOFTENING TEMPERATURE (VST) OF THERMOPLASTIC MATERIALS	ASTM D1525
21	DETERMINATION OF THE TEMPERATURE OF DEFLECTION UNDER LOAD (FLEXURAL STRESS UNDER THREE-POINT LOADING) OF POLIMERS	ISO 75
22	DETERMINATION OF THE TEMPERATURE OF DEFLECTION UNDER LOAD (FLEXURAL STRESS UNDER THREE-POINT LOADING) OF POLIMERS	ASTM D648
23	STANDARD TEST METHOD FOR HAZE AND LUMINOUS TRANSMITTANCE OF TRANSPARENT PLASTICS	ASTM D1003
24	STANDARD TEST METHOD FOR SPECULAR GLOSS OF PLASTIC FILMS AND SOLID PLASTICS	ASTM D2457
25	DETERMINATION OF THE TENSILE PROPERTIES OF PLASTICS FILMS	ISO 527
26	DETERMINATION OF THE TENSILE PROPERTIES OF PLASTICS FILMS	ASTM D882
27	DETERMINATION OF DEFECTS ON THE FILM LD	Internal method
28	DETERMINATION OF METAL COMPONENTS IN PP (PB/CD/CR/HG, ETC)	ICP-MS method
29	SPECIFIC MIGRATION TEST	OM3
30	GLOBAL MIGRATION TEST	MetOM2
	TESTS FOR HIGH-DENSITY POLYETHYLENE	
1	DETERMINATION OF MOISTURE IN PLASTICS BY LOSS IN WEIGHT	ASTM D6980
2	DETERMINATION OF XYLENE SOLUBLES IN PROPYLENE PLASTICS	ASTM D5492
3	DETERMINATION ASH CONTENT IN PLASTICS	ASTM D5630
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9	TEST METHOD FOR DENSITY OF PLASTICS BY THE DENSITY-GRADIENT TECHNIQUE	ISO1183-2
10	DETERMINATION OF TENSILE PROPERTIES OF PLASTICS	ISO 527/1,2
11	DETERMINATION OF TENSILE PROPERTIES OF PLASTICS	ASTM D638
12	DETERMINATION OF FLEXURAL PROPERTIES	ISO 178
13	DETERMINATION OF FLEXURAL PROPERTIES	ASTM D790

14	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ASTM D256
15	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ASTM D4812
16	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ISO 180
17	DETERMINING THE IZOD PENDULUM IMPACT RESISTANCE OF PLASTICS	ISO 179
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19	DETERMINATION OF THE VICAT SOFTENING TEMPERATURE (VST) OF THERMOPLASTIC MATERIALS	ISO 306
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25	DETERMINATION OF THE TENSILE PROPERTIES OF PLASTICS FILMS	ISO 527
26	DETERMINATION OF THE TENSILE PROPERTIES OF PLASTICS FILMS	ASTM D882
27	DETERMINATION OF RESIDUAL SOLVENTS BY STATIC HEADSPACE GAS CHROMATOGRAPHY	EN 13628
28	DETERMINATION OF METAL COMPONENTS IN PP (PB/CD/CR/HG, ETC)	ICP-MS method
29	SPECIFIC MIGRATION TEST	OM3
30	GLOBAL MIGRATION TEST	MetOM2
	FOILS/FILMS/SHEET OF POLYETHYLENE	
1	SR ISO 4592 DETERMINATION LENGTH FILM	ISO 4592
2	SR ISO 4592 DETERMINATION FOIL WIDTH	ISO 4592
3	SR ISO 4592 DETERMINATION PLY FOIL WIDTH	ISO 4592
4	SR ISO 4593 DETERMINATION FILM THICKNESS	ISO 4593
5	DETERMINATION OF THE TENSILE PROPERTIES OF PLASTICS FILMS	ISO 527
6	DETERMINATION OF THE TENSILE PROPERTIES OF PLASTICS FILMS	ASTM D882
7	TEST METHOD FOR TEAR RESISTANCE (GRAVES TEAR) OF PLASTIC FILM AND SHEETING	STAS 6127
8	TEST METHOD FOR TEAR RESISTANCE (GRAVES TEAR) OF PLASTIC FILM AND SHEETING	ASTMD1004
9	STANDARD TEST METHOD FOR HAZE AND LUMINOUS TRANSMITTANCE OF TRANSPARENT PLASTICS	ASTM D1003
10	STANDARD TEST METHOD FOR SPECULAR GLOSS OF PLASTIC FILMS AND SOLID PLASTICS	ASTM D2457

11	TEST METHODS FOR IMPACT RESISTANCE OF PLASTIC FILM BY THE FREE-FALLING DART METHOD	ASTM D1709
12	DETERMINATION OF METAL COMPONENTS IN PP (PB/CD/CR/HG, ETC)	ICP-MS method
13	SPECIFIC MIGRATION TEST	OM3
14	GLOBAL MIGRATION TEST	MetOM2
	HEXANE/HEPTANE	
1	DETERMINATION OF DENSITY AT 15GRDC	ISO 3675
2	DETERMINING THE DISTILLATION CHARACTERISTICS	ISO 3405
3	DETERMINATION OF WATER -KARL FISCHER METHOD	ISO 760
4	THE REACTION OF AQUEOUS EXTRACT	STAS 12634
5	DETERMINATION OF WATER -COULOMETRIC KARL FISCHER TITRATION	ISO 12937
6	COPPER STRIP TEST	ISO 2160
7	DETERMINATION OF BROMINE INDEX	ASTM D2710
8	TEST METHOD FOR NONVOLATILE MATTER IN VOLATILE SOLVENTS	ASTM D1353
9	DETERMINATION OF SULFUR CONTENT. WICKBOLD COMBUSTION METHOD	ISO 4260
10	DETERMINATION COMPOSITION OF HEXANE	Chromatographic method
11	TEST METHOD FOR SULFUR COMPOUNDS IN LIGHT PETROLEUM LIQUIDS BY GAS CHROMATOGRAPHY AND SULFUR SELECTIVE DETECTION	ASTM D5623
	BENZENE/TOLUENE/XILENE	
1	DETERMINATION OF WATER -KARL FISCHER METHOD	ISO 760
2	NITROGEN BASES IN PETROLEUM DISTILLATES BY COLOR INDICATOR TITRATION	UOP313
3	DETERMINATION OF BROMINE INDEX	ASTM D2710
4	MEASUREMENT OF COLOUR IN HAZEN UNITS	ISO 2211
5	DETERMINATION OF SULFUR CONTENT. WICKBOLD COMBUSTION METHOD	ISO 4260
6	DETERMINING THE DISTILLATION CHARACTERISTICS	ISO 3405
7	DETERMINATION OF DENSITY AT 15GRDC	ISO 3675
8	DETERMINATION OF CHLORINE CONTENT. WICKBOLD COMBUSTION METHOD	ISO 4260
9	STANDARD TEST METHOD FOR ACIDITY OF BENZENE, TOLUENE, XYLENES, SOLVENT NAPHTHAS, AND SIMILAR INDUSTRIAL AROMATIC HYDROCARBONS	ASTM D847
10	STANDARD TEST METHOD FOR ACID WASH COLOR OF INDUSTRIAL AROMATIC HYDROCARBONS	ASTM D848
11	DETERMINATION COMPOSITION OF BENZENE	ASTM D4492
12	DETERMINATION COMPOSITION OF TOLUENE	ASTM D6526
13	DETERMINATION COMPOSITION OF XILENE	ASTM D4492

14	DETERMINATION OF TRACE THIOPHENE IN REFINED BENZENE BY GAS CHROMATOGRAPHY AND SULFUR SELECTIVE DETECTION	ASTM D7011
	BREATHING AIR	
1	DETERMINATION COMPOSITION OF THE BREATHABLE AIR	Chromatographic method
2	DETERMINATION CO/CO ₂ IN THE BREATHABLE AIR	UOP603
3	DETERMINATION BREATHING AIR HUMIDITY	CCM-COM 210
	NITROGEN	
1	DETERMINATION COMPOSITION	UOP 539
2	DETERMINATION BREATHING AIR HUMIDITY	CCM-COM 210
	THE PROPANE-PROPYLENE FRACTION	
1	DETERMINATION OF HYDROCARBONS IN LIQUEFIED PETROLEUM (LP) GASES AND PROPANE/PROPENE MIXTURES BY GAS CROMATOGRAPHY	ASTM D2163
2	DETERMINATION CONTAMINANTS -WATER	Wass 462b
3	DETERMINATION OF SULFUR COMPOUNDS IN NATURAL GAS AND GASEOUS FUELS BY GAS CHROMATOGRAPHY AND CHEMILUMINESCENCE DETECTOR	ASTM D5504
	CHEMICAL PROPYLENE	
1	DETERMINATION OF HYDROCARBONS IN LIQUEFIED PETROLEUM (LP) GASES AND PROPANE/PROPENE MIXTURES BY GAS CROMATOGRAPHY	ASTM D2163
2	DETERMINATION CONTAMINANTS: H ₂ O, NH ₃ IN POLYMERIZED ETHYLENE	Wass 462b
3	DETERMINATION OF SULFUR COMPOUNDS IN NATURAL GAS AND GASEOUS FUELS BY GAS CHROMATOGRAPHY AND CHEMILUMINESCENCE DETECTOR	ASTM D5504
4	DETERMINATION CO/CO ₂ IN THE BREATHABLE AIR	UOP603
	PROPYLENE POLYMERIZABLE	
1	TEST METHOD FOR HYDROCARBON TRACES IN PROPYLENE CONCENTRATES BY GAS CHROMATOGRAPHY	ASTM D2712
2	DETERMINATION CONTAMINANTS: PERMANENT GAS, ALCOHOLS, R-SH IN POLYMERIZED PROPYLENE	Wass 462a
3	DETERMINATION CONTAMINANTS: H ₂ O, NH ₃ IN POLYMERIZED PROPYLENE	Wass 462b
4	DETERMINATION CONTAMINANTS: COS, ASH ₃ ,PH ₃ IN POLYMERIZED PROPYLENE	Wass462c
5	DETERMINATION OF SULFUR COMPOUNDS IN NATURAL GAS AND GASEOUS FUELS BY GAS CHROMATOGRAPHY AND CHEMILUMINESCENCE DETECTOR	ASTM D5504
	ETHYLENE-POLYMERIZABLE	
1	DETERMINATION OF HYDROCARBON IMPURITIES IN ETHYLENE	ASTM D6159

2	DETERMINATION CONTAMINANTS: PERMANENT GAS, ALCOHOLS, R-SH IN POLYMERIZED ETHYLENE	Wass 462a
3	DETERMINATION CONTAMINANTS: H ₂ O, NH ₃ IN POLYMERIZED ETHYLENE	Wass 462b
4	DETERMINATION CONTAMINANTS: COS, ASH ₃ ,PH ₃ IN POLYMERIZED ETHYLENE	Wass462c
5	DETERMINATION OF SULFUR COMPOUNDS IN NATURAL GAS AND GASEOUS FUELS BY GAS CHROMATOGRAPHY AND CHEMILUMINESCENCE DETECTOR	ASTM D5504
	NATURAL GAS/COMBUSTIBLE GASES	
1	NATURAL GAS -EXTENDED ANALYSIS -- GAS-CHROMATOGRAPHIC METHOD	ISO 6975
2	SPECIFIES METHODS FOR THE CALCULATION OF GROSS CALORIFIC VALUE, NET CALORIFIC VALUE, DENSITY, RELATIVE DENSITY, GROSS WOBBE INDEX	ISO 6976
3	DETERMINATION OF SULFUR COMPOUNDS IN NATURAL GAS AND GASEOUS FUELS BY GAS CHROMATOGRAPHY AND CHEMILUMINESCENCE DETECTOR	ASTMD5504
4	DETERMINATION HUMIDITY	CCM-COM 210
	ANTIFREEZE, ETHYLENE GLYCOL	
1	DETERMINATION OF DENSITY AT 20GRDC	ISO 3675
2	DETERMINATION FREEZING POINT	STAS 8761
3	DETERMINATION RESIDUE ON IGNITION	STAS 8761
4	DETERMINATION BOILING POINT	STAS 8761
5	CORROSION TEST	STAS 8761
6	DETERMINATION OF PH	ISO 10523
7	DETERMINATION THE HAZEN COLOR	ISO 2211
	METHANOL	
1	APPEARANCE METHANOL	VIZ8
2	DETERMINING THE DISTILLATION CHARACTERISTICS	ISO 3405
3	DETERMINATION OF DENSITY AT 20GRDC	ISO3675
4	DETERMINATION OF WATER -KARL FISCHER METHOD	ISO 760
5	TEST METHOD FOR ACIDITY IN VOLATILE SOLVENTS	ASTM D1613
6	DETERMINATION OF CHLORIDE CONTENT IN METHANOL	IMCA 002
7	TEST METHOD FOR NONVOLATILE MATTER IN VOLATILE SOLVENTS	ASTM D1353
8	TEST METHOD FOR PERMANGANATE TIME OF ACETONE AND METHANOL	ASTM D1363
9	DETERMINATION OF CARBONISABLE SUBSTANCES IN METHANOL	ASTM E346
10	MEASUREMENT OF COLOUR IN HAZEN UNITS	ISO 2211
11	DETERMINATION OF SULFUR CONTENT. WICKBOLD COMBUSTION METHOD	ISO 4260
12	DETERMINATION PURITY / COMPOSITION TO METHANOL	IMCA 001

13	DETERMINATION OF IRON CONTENT IN METHANOL	ICP-MS method
	PETROLEUM PRODUCTS/ PETROLEUM COKE	
1	DETERMINATION LOW-CONCENTRATIONS AND ULTRA-LOW-CONCENTRATIONS OF ELEMENTS IN PETROLEUM PRODUCT	ICP-MS method