

N.I.O.R.D.C.

SOLVENT 400

CORPORATE PLANNING  
SPECIAL SOLVENT 45/152°C

ANALYSIS	UNIT	LIMIT	TEST METHOD
Density @ 15 °C	kg/m <sup>3</sup>	report	ASTM D1298
Distillation :			" D 86
I.B.P	°C	45 min	" "
50% Recovered	°C	80 approx	" "
90% "	°C	120 approx	" "
Dry point	°C	150 max	" "
Recovery	vol%	98 min	" "
Loss	vol%	1 max	" "
Colour Saybolt	—	25 min	" D 156
Odour	—	Merchantable	-
Corrosion - 3hrs@ 100°C	—	1a	" D 130
Sulphur Total	wt%	0.01max	" D 1266
Doctor Test	—	Negative	" D 4952
Aromatic Content	vol%	30 min	" D 1319

The latest issues of the relevant test methods shall be used .

پالایشگاه اصفهان  
آزمایشگاه  
ESFAHAN REFINERY  
LABORATORIES

Revised  
Farvardin 1382

شرکت پالایش نفت اصفهان  
مدیریت بازرگانی  
ISO-9000



N.I.O.R.D.C.  
CORPORATE PLANNING  
SPECIAL BOILING POINT SOLVENT  
WHITE SPIRIT (L.A.W.S)

SOLVENT 402

ANALYSIS	UNIT	LIMIT	TEST METHOD
Density @ 15°C	kg/m <sup>3</sup>	775 min	ASTM D 1298
Distillation :			" D 86
I.B.P	°C	142-158	" "
10% Evaporated @	°C	158 min	" "
50% " @	°C	179 max	" "
90% " @	°C	194 max	" "
Dry point	°C	198 max	" "
Residue	vol%	1.5 max	
Colour Saybolt	—	25 min	" D 156
Odour	—	Merchantable	—
Flash point tag	°C	38 min	" D 56
Corrosion – 3hrs @ 100°C	—	1a	" D130
Sulphur Total	wt%	0.1max	" D 1266
Doctor Test	—	Negative	" D 4952
Aromatic Content	vol%	20 max	" D 1319
Gum Existent	mg/100 ml	5 max	" D 381
Neutrality	—	pass	BS.245
Acidity of Residue	—	pass	" D 1093

The latest issues of the relevant test methods shall be used .

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N.I.O.R.D.C.  
CORPORATE PLANNING  
SPECIAL BOILING POINT SOLVENT  
MINERAL TURPENTINE (H.A.W.S)

SOLVENT 403

ANALYSIS	UNIT	LIMIT	TEST METHOD
Density @ 15°C	kg/m <sup>3</sup>	report	ASTMD 1298
Distillation :	°C		" D 86
I.B.P	°C	152 min	" "
10% Recovered @	°C	158 min	" "
50% "	°C	163-171	" "
70% "	°C	177 max	" "
90% "	°C	194 max	" "
Dry point	°C	198 max	" "
Colour Saybolt	—	21 min	" D156
Odour	—	Merchantable	—
Flash point /P.M.	°C	34 min	" D 93 (1)
Tag	°C	38 min	" D 56
Corrosion - 3hrs @ 100 °C	—	1a	" D 130
Sulphur Total	wt%	0.20max	" D 1266
Doctor Test	—	Negative	" D 4952
Aromatic Content	vol%	45 min	" D 1319
Gum - Existent	mg/100 ml	5 max	" D 381
Neutrality	—	pass	B.S 245

NOTE : (1) ASTM D93 only to be used if Flash Point exceeds 49 °C

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N.I.O.R.D.C.  
CORPORATE PLANNING  
SPECIAL BOILING POINT SOLVENT  
60/145°C

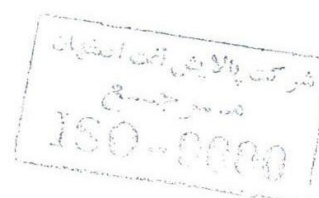
SOLVENT 404

ANALYSIS	UNIT	LIMIT	TEST METHOD
Density @ 15°C	kg/m <sup>3</sup>	report	ASTM D1298
Distillation :			" D 86
I.B.P	°C	60 min	" "
50%Recovered @	°C	82 min	" "
		108max	" "
90%Recovered @	°C	101min	" "
		119 max	" "
Dry point	°C	143max	" "
Recovery	vol%	98 min	" "
Loss	vol%	1max	" "
Colour Saybolt	--	25 min	" D 156
Odour	--	Merchantable	--
Corrosion - 3hrs @ 50°C	--	1a	" D 130
Sulphur Total	wt%	0.05max	" D 1266
Doctor Test	--	Negative	" D 4952
Aromatic Content	vol%	report	" D 1319

The latest issues of the relevant test methods shall be used .



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N.I.O.R.D.C.  
CORPORATE PLANNING  
SPECIAL BOILING POINT SOLVENT  
62/82°C

SOLVENT 406

ANALYSIS	UNIT	LIMIT	TEST METHOD
Density @ 15°C	kg/m <sup>3</sup>	report	ASTM D1298
Distillation:			" D 86
I.B.P	°C	62min	" "
50%RECOVERED @	°C	63 min	" "
		71 max	" "
90% " @	°C	64 min	" "
		74 max	" "
Dry point	°C	80 max	" "
Recovery	vol%	98 min	" "
Loss	vol%	1 max	" "
Colour Saybolt	--	25 min	" D 156
Odour	--	Merchantable	
Corrosion - 3hrs @ 50°C	--	1a	" D 130
Sulphur Total	wt%	0.05max	" D 1266
Doctor Test	--	Negative	" D 4952
Aromatic Content	vol%	7 max	" D 1319

The latest issues of the relevant test methods shall be used .

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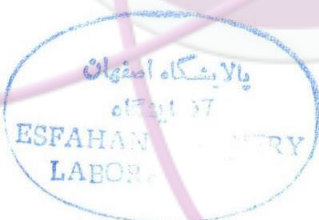
N.I.O.R.D.C.  
CORPORATE PLANNING  
SPECIAL BOILING POINT SOLVENT

SOLVENT 409

ANALYSIS	UNIT	106/125°C	LIMIT	TEST METHOD
Density at 15°C	kg/m <sup>3</sup>		report	ASTM D1298
Distillation :				" D86
I.B.P	°C		106min	" "
50%Recoverd @	°C		109 approx	" "
90% " @	°C		111 approx	" "
Dry point	°C		123 max	" "
Recovery	vol%		98 min	" "
Loss	vol%		1 max	" "
Colour	--		25 min	" D 156
Odour	--		Merchantable	-
Corrosion - 3hrs @ 100°C	--		1a	" D130
Sulphur Total	wt%		0.05max	" D1266
Doctor Test			Negative	" D 4952
Aromatic Content	vol%		75 min	" D 1319

The latest issues of the relevant test methods shall be used .

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N.I.O.R.D.C.  
CORPORATE PLANNING  
SPECIAL BOILING POINT SOLVENT  
55/115°C

SOLVENT 410

ANALYSIS	UNIT	LIMIT	TEST METHOD
Density @ 15°C	kg/m <sup>3</sup>	report	ASTM D1298
Distillation:			" D 86
I.B.P	°C	55 min	" "
50%Recovered @	°C	71 min	" "
		83 max	
90% " @	°C	81 min	" "
		99max	" "
Dry point	°C	113max	" "
Recovery	vol%	98min	" "
Loss	vol%	1max	" "
Colour	-	25min	" D156
Odour	-	Merchantable	-
Corrosion - 3hrs @ 50°C	-	1a	" D130
Sulphur Total	mass%	0.05max	" D1266
Doctor Test	-	Negative	" D4952
Aromatic Content	vol%	report	" D1319

The latest issues of the relevant test methods shall be used .

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