

ROSIN MODIFIED PHENOLIC RESIN
DPL.FP.SPER1

DRT-701

Sr.No	Test/Parameter	Specification	Method Reference
1	Appearance	Medium Amber Coloured Solid Lumps	DPL/CPR/001
2	Colour Value	9 – 11 G	DPL/CPR/003
3	Acid Value mg/KOH	NMT 23	DPL/CPR/002
4	Melting Point	130°C – 140°C	DPL/CPR/004
5	Softening Point (Ball and Ring)	145°C – 155°C	DPL/CPR/005
6	Viscosity (Poise) 50% in Toluene at 20°C	2 – 3.5	DPL/CPR/006
7	MTO Tolerance	1:1 (Minimum)	DPL/CPR/007
8	ARLO Compatibility	1:1 (Minimum)	DPL/CPR/008

Application: Used for making Medium/Varnish for Enamel and Inks.

ROSIN MODIFIED PHENOLIC RESIN
DPL.FP.SPER2

DRT-703

Sr.No	Test/Parameter	Specification	Method Reference
1	Appearance	Medium Amber Coloured Solid Lumps	DPL/CPR/001
2	Colour Value	9 – 11 G	DPL/CPR/003
3	Acid Value mg/KOH	NMT 20	DPL/CPR/002
4	Melting Point	125°C – 135°C	DPL/CPR/004
5	Softening Point (Ball and Ring)	140°C – 150°C	DPL/CPR/005
6	Viscosity (Poise) 50% in Toluene at 20°C	1 – 1.5	DPL/CPR/006
7	MTO Tolerance	1:4 (Minimum)	DPL/CPR/007
8	ARLO Compatibility	45:55 (Minimum)	DPL/CPR/008

Application: Used for making Medium/Varnish for Enamel and Inks.

ROSIN MODIFIED PHENOLIC RESIN
DPL.FP.SPER3

DRT-705

Sr.No	Test/Parameter	Specification	Method Reference
1	Appearance	Medium Amber Coloured Solid Lumps	DPL/CPR/001
2	Colour Value	9 - 11 G	DPL/CPR/003
3	Acid Value mg/KOH	NMT 20	DPL/CPR/002
4	Melting Point	120°C - 130°C	DPL/CPR/004
5	Viscosity (Poise) 60% in Toluene at 30°C	3 - 5	DPL/CPR/006
6	MTO Tolerance	1:4 (Minimum)	DPL/CPR/007
7	ARLO Compatibility	45:55 (Minimum)	DPL/CPR/008

Softening Point 135 - 145 °C DPL/CPR/005

Application: Used for making Medium/Varnish for Enamel and Inks.

ROSIN MODIFIED PHENOLIC RESIN
DPL_FP_SPER4

DRT-706

Sr.No	Test/Parameter	Specification	Method Reference
1	Appearance	Medium Amber Coloured Solid Lumps	DPL/CPR/001
2	Colour Value	9 – 11 G	DPL/CPR/003
3	Acid Value mg/KOH	NMT 18	DPL/CPR/002
4	Melting Point	125°C – 135°C	DPL/CPR/004
5	Viscosity (Poise) 60% in Xylene at 30°C	15 – 25	DPL/CPR/006
6	MTO Tolerance	1:4 (Minimum)	DPL/CPR/007
7	ARLO Compatibility	45:55 (Minimum)	DPL/CPR/008
8	Softening Point	140 – 150°C	DPL/CPR/005

Application: Used for making Medium/Varnish for Enamel and Inks.

ROSIN MODIFIED PHENOLIC RESIN
DPL.FP.SPER5**DRT-180**

Sr.No	Test/Parameter	Specification	Method Reference
1	Appearance	Medium Amber Coloured Solid Lumps	DPL/CPR/001
2	Colour Value	8 - 10 G	DPL/CPR/003
3	Acid Value mg/KOH	NMT 30	DPL/CPR/002
4	Melting Point	150°C - 160°C	DPL/CPR/004
5	Viscosity 50% in Toluene at 30°C in F4 secs	60 - 70 secs	DPL/CPR/006
6	MTO Tolerance	1:5 (Minimum)	DPL/CPR/007
7	ARLO Compatibility	1:1 (Minimum)	DPL/CPR/008
8	softening Point	160 - 170°C	DPL/CPR/005

Application: Used for making Flexo and Gravure Inks