

Technical Specification Comparison

PARAMETERS			NAPHTHENIC OILS			PARAFFINIC OILS AS SECONDARY PLASTICIZERS		
PROPERTIES	UNITS	TEST METHODS	P – 147	P – 248	P – 248 N	P – 04 W	P – 145 W	P – 100 W
Appearance	Attribute	Visual	Clear Liquid	Clear Liquid	Clear Liquid	Clear Liquid	Clear Liquid	Clear Liquid
Colour	Number	ASTMD – 1500	–	–	–	–	–	–
ASTMD – 1544	Max 15.0	Max 12.0	Max 15.0	Max 1.0	Max 0.5	Max 0.5		
Viscosity @ 40°C	Cst	ASTMD – 455	30 – 45	460 ± 40	460 ± 40	18 ± 03	30 ± 5	100 ± 10
Density @ 30°C	gms/cc	ASTM D – 455	0.870 ± 0.05	0.880 ± 0.05	0.845 ± 0.05	0.825 ± 0.05	0.855 ± 0.05	
flash point	°C	ASTM D – 92	Min. 180	Min. 240	Min. 240	Min 190	Min 210	Min 250
Anilibe point	°C	ASTM D – 611	Min. 90	Min. 105	Min. 100	Min 100	Min 100	Min 205
Pour point	°C	ASTM D – 97	Max 0	Max 1.0	Max 1.0	Max 1	Max 0	Max -1
Volatile Matter At 100 °C / 2 hrs	%	ASTM D – 972	Max 1.0	Max 0.5	Max 0.5	Max 1.5	Max 1.0	Max 0.5
Carbon Type Analysis	–	ASTM D – 2140	Typical	Typical	Typical	Typical	Typical	Typical
CA	%		8	8	12	2	2	2
CN	%	22	22	22	33	33	33	
CP	%		70	70	66	65	65	65
Compatibility			EPDM, IIR	EPDM, IIR	EPDM, IIR	EPDM, POLYSTYRENE		
Application			Butyl, Tubes, EPDM Profile, Conveyor Belts, Hoses	Oil extended EPDM Rubber & Profile, Heat Resistant conveyor Belts, Steam Hoses & Butyl Tubes	Oil Extended EPDM Rubber, Microwave / LCM Cured EPDM Profiles, Heat Resistant Conveyor Belts, Steam Hoses & Butyl Tubes	Thermoplastic Elastomers, Masterbatches, Butyl Tubes Radiator Hoses, Heat Resistant conveyor Belt, Washing Machine Gasket		