

Technical Specification Comparison

PARAMETERS			PARAFFINIC 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	EPDM, POLYSTYRENE	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	Thermoplastic Elastomers, Masterbatches, Butyl Tubes Radiator Hoses, Heat Resistant conveyor Belt, Washing Machine Gasket	Thermoplastic Elastomers, Masterbatches, Butyl Tubes Radiator Hoses, Heat Resistant conveyor Belt, Washing Machine Gasket