

CAROTINO SDN BHD
SPECIFICATION SHEET
ASTM D6751-09



PALM METHYL ESTER
REGULAR GRADE
PME

Test Parameter	Method	Specifications
Flash Point, °C	ASTM D93	130 min
Water & Sediment, % vol	ASTM D2709	0.050 max
Kinematic Viscosity @ 40°C, mm ² /s	ASTM D445	1.9-6.0
Sulphated Ash, % mass	ASTM D874	0.020 max
Sulfur, ppm	ASTM D5453	15 max
Copper Strip Corrosion	ASTM D130	No. 3 max
Cetane Number	ASTM D613	47 min
Cloud Point, °C	ASTM D2500	Report
Cold Filter Plugging Point, °C	EN 116	+15 max
Carbon Residue, % mass	ASTM D4530	0.050 max
Acid Number, mgKOH/g	ASTM D664	0.50 max
Cold Soak Filterability, s	ASTM D6751	360 max
Free Glycerine, % mass	ASTM D6584	0.020 max
Total Glycerine, % mass	ASTM D6584	0.240 max
Phosphorus Content, % mass	ASTM D4951	0.001 max
Distillation Temperature, °C	ASTM D1160	360 max
Atmospheric equivalent temperature, 90% Recovered		
Sodium and Potassium, ppm	EN14538	5 max
Calcium and Magnesium, ppm	EN14538	5 max
Oxidation Stability @ 110°C, hours	EN14112	3 min

