

TECHNICAL DATA SHEET

Fully-Refined Paraffin Wax

Note: Fully Refined Paraffin Wax is a white , cream , yellow or colorless soft solid derivable from petroleum, paraffin wax is a mixture of hydrocarbon molecules containing between twenty and forty carbon atoms. Paraffin wax is solid at room temperature and begins to melt above approximately 60 deg;c ; Flash point of paraffin wax is about 250 c. Common applications for paraffin wax are candle making, cosmetics, food industry, lubrication, electrical insulation. Paraffin wax has different grades based on 2 main characteristics: oil content and melting point. Also the mains categories are light or heavy paraffin wax.

Specification	TEST UNIT	55	58 -60	TEST METHOD
MELTING POINT	°C	52-56	58-60	ASTMD 127
OIL CONTENT	%	0.5	0.5	ASTM D 721
NEEDLE PENETRATION@ 25c	°C	Approx 8-10	Approx 10-15	ASTM D 1321
KINEMATIC VISCOSITY 25 C	°C	Approx 3-4	Approx 3-4	ASTM D 445
SPECIFIC GRAVITY @25°C	°C	0.77-0.79g/cm3	0.77-0.79g/cm3	ASTM D 190
FLASH POINT	°C	>220	>220	ASTM D 92
COLOR	-	White	White	ASTM D 1500