

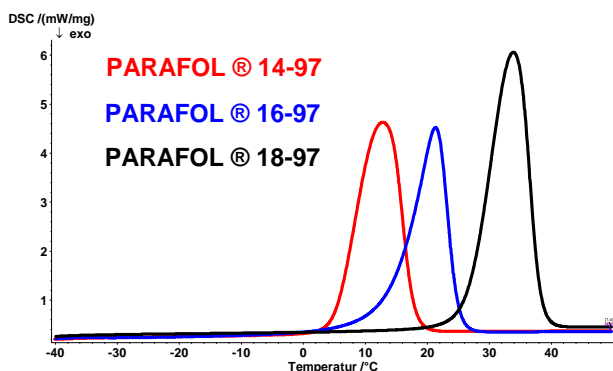
Description

Sasol North America Inc.'s PARAFOL® Single Cut Paraffins are high purity, highly linear paraffins made from renewable resources. They are an excellent choice when looking for a phase change material for latent heat storage applications including functional textiles and construction. They can also be used as cosmetic oils, solvents for printing inks, paints, and coatings, and as wax additives.

Physical Properties

Typical physical properties are listed in the table below. Actual properties will vary from lot to lot.

	PARAFOL 12-97	PARAFOL 14-97	PARAFOL 16-97	PARAFOL 18-97	PARAFOL 20Z	PARAFOL 22-95
Appearance	Clear liquid	Clear liquid	Clear liquid	White solid	White solid	White solid
Purity, %	> 97	> 97	> 97	> 97	> 90	> 95
Average Molecular Weight	170	198	226	254	282	310
Color, Hazen	max. 20	max. 20	max. 20	max. 20	max. 20	max. 20
Density, g/ml (Temp)	0.749 (20°C)	0.763 (20°C)	0.759 (40°C)	0.768 (40°C)	0.789 (40°C)	0.777 (60°C)
Kin. Viscosity, mPas (Temp)	1.5 (20°C)	2.3 (20°C)	2.2 (40°C)	3.1 (40°C)	5.3 (40°C)	4.4 (60°C)
DSC (see graph below)						
Onset Temperature, °C	-10.5	4.5	17.6	26.9	32.3	41.6
Latent Heat, J/g	> 210	> 210	>220	>220	>200	>220
Source	Oleo	Oleo	Oleo	Oleo	Synthetic	Oleo
Flash Point, °C	71	115	135	165	176	186
CAS Reg.-No.	112-40-3	629-59-4	544-76-3	593-45-3	112-95-8	629-97-0
EINECS	203-967-9	211-096-0	208-878-9	209-790-3	204-018-1	211-121-5



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For detailed safety and handling information regarding these products, please refer to the respective Sasol North America Material Safety Data Sheet.

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