

PARA-380 Specification of Food Grade White Mineral Oil

ITEMS	TEST METHOD	SPECIFICATION	TYPICAL VALUE
Kinematic Viscosity (40℃) / (mm ² /s)	ASTM D445 / GB/T 265	68-78	72.16
Kinematic Viscosity (100℃) / (mm ² /s)	ASTM D445 / GB/T 265	8.5-11	9.125
Initial Boiling Point,℃	ASTM D2887 / SH/T 0558	>200	400
Carbon Number at 5% Distillation Point	ASTM D2887 / SH/T 0558	≥25	27
GC Distillation,℃	ASTM D2887 / SH/T 0558	>391	430
Average relative molecular weight	ASTM D2502 / SH/T 0730	≥480	495
Saybolt Colour	ASTM D156 / GB/T 3555	≥+30	+30
Water-soluble acid or alkali	GB/T 259	Nil	Nil
Readily Carbonisable substances	ASTM D565 / GB/T 11079	Pass	Pass
Polycyclic aromatic hydrocarbons UV Absorbance at 260-420nm	ASTM D2269 / GB/T 11081	≤0.1	0.054
Solid Paraffin	SH/T 0134	Pass	Pass
Pb Content/ (mg/kg)	GB 4853-2008 Appendix A	≤1	<1
As Content/ (mg/kg)	GB/T 5009.76	≤1	<1
Heavy Metal Content/ (mg/kg)	GB/T 5009.74	≤10	<10
Flash Point (open cup)	ASTM D92 / GB/T 3536	≥240	252

Note: 1、 The product quality indicators based on national standards GB 4853-2008 food-grade white oil .

2、 This product complies with Chinese food-grade white oil quality requirements of GB 4853-2008, in line with US FDA provisions of 21 CFR 172.878 & 178.3620 (a) quality requirements.