

Product Data Sheet

Plastic Oil 330

White Mineral Oil

Product Description

Plastic Oil is normally used in the styrene bulk polymerization process and shows a relatively high distillation range. The volatile content is very low, which makes the oil suitable for the addition before the polymerization.

Physical Properties

Properties	Unit	Method	Specification	Typical
Density at 20°C	Kg/m ³	ASTM D 1298	850-880	865
Kin. Viscosity at 40°C	mm ² /s	ASTM D 445	66-75	69
Kin. Viscosity at 100°C	mm ² /s	ASTM D 445	8.5-10.5	9
Dyn. Viscosity at 20°C	mPa.s	ASTM D 445		192
Pourpoint,	°C	ASTM D 97	Max. -6	-10
Flashpoint, COC	°C	ASTM D 92	Min. 220	234
Saybolt Colour		ASTM D 156	+30	+30
Odour & Taste			None	None
Cloudtest		USP XXI	Pass	Pass
Distillation				
- 1 % distillate at 10 mmHg	°C	ASTM D 1160	Min. 250	259
- 2.5% distillate at 10 mmHg	°C	ASTM D 1160	Min. 262,5	268

Purity

This oil meets the purity requirements of all International Pharmacopoeias. Moreover it complies with the Commission Regulations (EU) No. 10/2011

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