

Technical Data Sheet



mPAO 100

Polyalphaolefin

Property	Test Method	Unit	Typical Value
Appearance	Visual	-	Clear and bright
Odour	CPC Method	-	No foreign odour
Kinematic Viscosity at 100°C	ASTM D-445	mm ² /s	101
Kinematic Viscosity at 40°C	ASTM D-445	mm ² /s	1.023
Kinematic Viscosity at 0°C	ASTM D-445	mm ² /s	N/A
Kinematic Viscosity at -20°C	ASTM D-7042	mm ² /s	N/A
Kinematic Viscosity at -40°C	ASTM D-7042	mm ² /s	N/A
Viscosity Index	ASTM D-2270	-	192
Noack Volatility	CEC L-40-93b	wt %	N/A
Pour Point	ASTM D-7346	°C	-44
Flash Point (COC)	ASTM D-92	°C	265
Fire Point (COC)	ASTM D-92	°C	N/A
Colour	ASTM D-5386	Pt-Co Scale	0
Water Content	ASTM D-6304CM	mg/kg	N/A
Density at 15 °C	ASTM D-4052	kg/m ³	847
Bromine Index	ASTM D-2710M	mg Br/100 g	<400

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suitable and the information is applicable to the user's specific application.