

ExxonMobil™ Intermediate u150

Metallocene Polyalphaolefin (unhydrogenated) Fluid

Product Description

The u150 product is a nominal 150 cSt viscosity intermediate material with high vinylidene content. It is intended to be used as a chemical intermediate or raw material. The u150 is ideal as a starting material for further functionalization due to its high molecular weight unique olefin structure. Potential applications include intermediates for lubricant additives as well as hydrophobes for surfactants.

Properties	Minimum	Maximum	Unit	Test Method
Specific Gravity ¹ (15.6°C)	Report	--		ASTM D4052
Appearance ¹	Bright & Clear	--		Visual
Color ¹	--	0.5		ASTM D1500/ D6045
Kinematic Viscosity ¹				ASTM D445
40°C	Report	--	mm ² /s	
100°C	141	173	cSt	
Flash Point, COC ¹	230	--	°C	ASTM D92
Bromine Number ¹	3.1	--	g Br/100 g	AS-M 1377
Water ¹	--	50	ppm	ASTM D6304
Total Acid Number ¹	Report	--	mg KOH/g	ASTM D974

Notes

¹ Test reported on Certificate of Analysis

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