

ExxonMobil™ Intermediate u65

Metallocene Polyalphaolefin (unhydrogenated) Fluid

Product Description

The u65 product is a nominal 65 cSt viscosity intermediate material with high vinylidene content. It is intended to be used as a chemical intermediate or raw material. The u65 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 | 56 | 71 | cSt | |
| Flash Point, COC ¹ | 230 | -- | °C | ASTM D92 |
| Bromine Number ¹ | 6 | -- | 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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