

INEOS Oligomers

Typical Properties

Panalane[®] Hydrogenated Polybutene Grade: L-14E

TYPICAL PROPERTIES*	METHOD/ASTM NUMBER (if applicable)		VALUE
Molecular Weight, M _n	Gel Permeation Chromatography	modified D 3536	370
Polydispersity Index, M _w /M _n	Gel Permeation Chromatography	modified D 3536	1.30
Flash Point (°C)	Cleveland Open Cup Pensky-Martens Closed cup	D 92 D 93	>138 >115
Surface Tension, dynes/cm, 25 C			28.8
Acid Number (mg KOH/g)	Titrimetric	D 974	<0.1
Appearance (Clear & Bright)	Visual	n/a	C&B
Chlorine (ppm)	X-Ray Fluorescence	n/a	<1
Metals (ppm): Na K Fe	Inductively Coupled Plasma Spec.	n/a	<1 <1 <1
Specific Gravity (at 15.5 °C)		D 1298	0.825
Glass Transition Temperature, T _g (°C)	Differential Scanning Calorimetry	n/a	-
Pour Point (°C)		D 97	-51
Viscosity, cP, 25 C	Brookfield		65
Viscosity (SUS) Temp (°C)	Saybolt	D 2161	138 40
Refractive Index		D 1218	1.464
Total Sulfur (ppm)	X-Ray Analysis	n/a	< 5
Iodine Value	Titrimetric	n/a	<1.6

*Note: Not a Sales Specification, data based upon testing of randomly selected lots of product. Stabilized with 10 ppm tocopherol (Vitamin E).

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