

INEOS Oligomers

Typical Properties

Indopol[®] Polybutene Grade: L-14

TYPICAL PROPERTIES*	METHOD / ASTM NUMBER (if applicable)		Value
Molecular Weight, M_n	Gel Permeation Chromatography	modified D5296	370
Polydispersity Index, M_w/M_n	Gel Permeation Chromatography	modified D5296	1.30
Flash Point (°C)	Cleveland Open Cup	D92	> 138
Turbidity (NTU)	Nephelometry	n/a	<4
Acid Number (mg KOH/g)	Color-Indicator Titration	D974	<0.05
Bromine Number (g Br ₂ /100g)	Color-Indicator Titration	IP 129/87	52
Chlorine (ppm)	X-Ray Fluorescence	n/a	60
Metals (ppm): Na K Fe	Inductively Coupled Plasma Spectrometry	n/a	<1 <1 <1
Specific Gravity (15.5°C)	Hydrometer	D1298	0.839
Glass Transition Temperature, T _g (°C)	Differential Scanning Calorimetry	n/a	- 90.5
Pour Point (°C)		D97	-51
Viscosity Index		D2270	60
Refractive Index		D1218	1.470
Total Sulfur (ppm)	X-Ray Fluorescence	n/a	< 5

*Note: Not a Sales specification, data based upon testing of randomly selected lots of product.



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