

# INEOS Oligomers

## Typical Properties

### Indopol<sup>®</sup> Polybutene Grade: H-100

TYPICAL PROPERTIES*	METHOD / ASTM NUMBER (if applicable)		Value
Molecular Weight, $M_n$	Gel Permeation Chromatography	modified D5296	910
Polydispersity Index, $M_w/M_n$	Gel Permeation Chromatography	modified D5296	1.60
Flash Point (°C)	Cleveland Open Cup	D92	>210
Turbidity (NTU)	Nephelometry	n/a	<4
Acid Number (mg KOH/g)	Color-Indicator Titration	D974	<0.05
Bromine Number (g Br <sub>2</sub> /100g)	Color-Indicator Titration	IP 129/87	16.5
Chlorine (ppm)	X-Ray Fluorescence	n/a	40
Metals (ppm): Na K Fe	Inductively Coupled Plasma Spectrometry	n/a	<1 <1 <1
Specific Gravity (15.5°C)	Hydrometer	D1298	0.893
Glass Transition Temperature, T <sub>g</sub> (°C)	Differential Scanning Calorimetry	n/a	- 69.6
Pour Point (°C)		D97	- 7
Viscosity Index		D2270	125
Refractive Index		D1218	1.494
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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