

# INEOS Oligomers

## Typical Properties

### Indopol<sup>®</sup> Polybutene Grade: H-300

TYPICAL PROPERTIES*	METHOD / ASTM NUMBER (if applicable)		Value
Molecular Weight, $M_n$	Gel Permeation Chromatography	modified D5296	1300
Polydispersity Index, $M_w/M_n$	Gel Permeation Chromatography	modified D5296	1.65
Flash Point (°C)	Cleveland Open Cup	D92	>240
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	12
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	0.904
Glass Transition Temperature, T <sub>g</sub> (°C)	Differential Scanning Calorimetry	n/a	- 66.6
Pour Point (°C)		D97	3
Viscosity Index		D2270	173
Refractive Index		D1218	1.497
Total Sulfur (ppm)	X-Ray Fluorescence	n/a	< 5

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



Technical information contained herein is furnished without charge or obligation, and is given and accepted at recipient's sole risk. Because conditions of use may vary and are beyond our control, INEOS makes no representation about, and is not responsible or liable for the accuracy or reliability of data, nor for toxicological effects or Industrial Hygiene requirements associated with particular uses of any product described herein. Nothing contained in this document shall be considered a recommendation for any use that may infringe patent rights, or an endorsement of any particular material, equipment, service, or other item not supplied by INEOS. The "Properties" and "Applications" listed in this document are not specifications. They are provided as information only and in no way modify, amend, enlarge, or create any specification or warranty, and ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED.

The name INEOS is a trademark of INEOS Capital Limited.  
April, 2018