

INEOS Oligomers

Typical Properties

Indopol[®] Polybutene Grade: H-25

TYPICAL PROPERTIES*	METHOD/ASTM NUMBER (if applicable)		Value
Molecular Weight, M_n	Gel Permeation Chromatography	modified D 3536	635
Polydispersity Index, M_w/M_n	Gel Permeation Chromatography	modified D 3536	2.10
Flash Point (°C)	Cleveland Open Cup Luchaire Closed Cup	D 92 NFT 60103	>150 -
Turbidity (NTU)	Nephelometric	D 5180	<4
Acid Number (mg KOH/g)	Titrimetric	D 974	<0.05
Bromine Number (g Br ₂ /100g)	Titrimetric	IP 129/87	27
Bromine Index (mg Br ₂ /100g)	Titrimetric	D 2710	-
Chlorine (ppm)	X-Ray Fluorescence	n/a	50
Metals (ppm): Na K Fe	Inductively Coupled Plasma Spec.	n/a	<1 <1 <1
Specific Gravity (at 15.5 °C)		D 1298	0.869
Glass Transition Temperature, T_g (°C)	Differential Scanning Calorimetry	n/a	-
Pour Point (°C)		D 97	-23
Viscosity Index		D 2270	-
Viscosity (SUS) Temp (°C)	Saybolt	D 2161	241 100
Refractive Index		D 1218	1.486
Total Sulfur (ppm)	X-Ray Analysis	n/a	< 5

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



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