

HV PolyButene

Product Type: Polyisobutene

HV Polybutene is a series of isobutylene and n-butylene polymers composed of isobutylene predominantly. It has a molecular structure of long chain carbon hydride. LV Polybutene is very stable under normal condition. It is also transparent, impurities free and nontoxic liquid polymer.

Characteristics:

Item	Unit	HV-15	HV-35	HV-100	HV-300
Molecular weight	Mn	630	750	980	1400
Kinematic Viscosity	cSt(40°C)	655	2300	9500	26000
	cSt(100°C)	31	85	220	590
Flash Point (COC)	°C(COC), Min	160	180	210	230
Pour Point	°C	-20	-15	-7.5	0
Density @25°C	g/cm3	0.870	0.880	0.890	0.898
Color	Saybolt	<+18	<+18	<+18	<+18
Acid Value	mgKOH/g,Max	0.01	0.01	0.01	0.01
Sulfur Conte	ppm, Max	<1	<1	<1	<1
Water Content	Ppm	10	10	10	10
Power Factor @80°C	% max	0.01	0.01	0.01	0.01
Dielectric Constant @80°C	min	2.16	2.16	2.16	2.16
Dielectric Strength	KV/2.5mm	50	50	50	50

Application

- * Lubricant (Compressor oil, lubricating oil additive, engine oil, etc.)
- * Electrical insulation oil
- * Coking and sealing compound
- * Rubber, wax, asphalt improvement compound
- * Ink thickening dispersant
- * Chewing gum base component

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