

# Polybut

## KEMAT and PIBs

PIB is core business for KEMAT; its portfolio offers the widest range of PIBs available in the market.

KEMAT provides a broad product series of low molecular weight conventional polybutenes, spanning molecular weights from 280 up to 6.000 with viscosities ranging from 2 up to 40.000 centistokes: **Polybut**.

KEMAT equally offers a line of low molecular weight high reactive polyisobutenes with molecular weights ranging from 1.000 up to 2.300 g/mol responding to increasing technical requirements in the field of lubricants and related markets: **Polybut HR**.

Completing the full molecular weight spectrum of PIBs, the KEMAT portfolio includes medium and high molecular weight polyisobutenes with molecular weights from 30.000 up to 3.000.000 g/mol: **Polybol**.

## **POLYBUT™** *Low Molecular Weight Conventional Polybutenes*

## Typical Properties

Polybut™	Molecular Weight Mn	Kinematic Viscosity cSt		Flash Point °C	Colour Pt-Co Scale
		@ 38°C	@ 100°C		
X2	280	7,5		80	40
X7	300	12		140	20
X10	320	16		125	40
0	330	30		130	40
06	425		10,5	130	40
09	500		28	135	40
010	630		30	140	40
025	675		50	140	40
3	710		80	145	50
4	750		85	180	30
5	800		110	180	30
10	950		220	200	40
28	1.050		270	200	40
30	1.300		620	215	40
32	1.300		700	220	40
80	1.600		1.500	220	40
120	2.000		2.600	240	20
150	2.200		3.200	240	20
190	2.900		3.700	250	20
200	2.400		4.700	260	20
600	4.200		13.000	300	50
1800	6.000		40.000	305	80