

# Polybut HR & PIBSA

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

### Typical Properties

Polybut™ HR	Molecular Weight Mn	Kinematic Viscosity cSt		Flash Point °C	Colour Pt-Co Scale
		@ 40°C	@ 100°C		
1000	1.000	4.650	190	210	10
1300	1.300	13.000	430	215	15
2300	2.300	48.000	1.500	220	20
230	1.050	5.600	230	210	15
640	1.500	18.600	640	220	15

## **POLYBUT™ PIBSA** *based on chlorine-free HR PIB with a Mn of 1.000*

### Typical Properties

Polybut™	Activity %	Kinematic Viscosity cSt		Flash Point °C	Density Kg/m³
		@ 40°C	@ 100°C		
PIBSA	78	27.900	480	180	920