

## Product Range

POLYVEST®		110	130	MA 75	EP* MA 120	HT
<b>Specifications</b>						
Viscosity at 20 °C	[mPa s]	700 - 860	2,700 - 3,300	6,000 - 9,000	approx. 61,000 (23°C)	-
Viscosity at 30 °C	[mPa s]	-	-	-	approx. 30,000	4,000 - 5,500
Acid Number	[mg KOH/g]	≤ 0.3	≤ 0.3	70 - 90	approx. 130	-
Hydroxyl Number	[mg KOH/g]	-	-	-	-	44 - 51
Peroxide Number	[mval/kg]	≤ 10	≤ 10	-	-	-
<b>Typical Data</b>						
Supply Form		viscous liquid	viscous liquid	viscous liquid	viscous liquid	viscous liquid
Molecular Weight M <sub>n</sub>	[g/mol]**	approx. 2,600	approx. 4,600	approx. 3,000	approx. 3,200	approx. 2,900***
Iodine No.	[g Iod/100g]	420 - 480	420 - 480	380 - 420	380 - 420	420 - 440
Density at 20 °C	[g/cm <sup>3</sup> ]	0.90 - 0.92	0.90 - 0.92	approx. 0.95	approx. 0.97	0.90 - 0.92
Gardner Color		≤ 1	≤ 4	≤ 2.5	≤ 2.5	≤ 1
Flash Point	[°C]	approx. 180	approx. 200	approx. 300	> 300 (DIN ISO 2592)	approx. 215
Ignition Temperature	[°C]	approx. 360	approx. 350	approx. 360	approx. 355	approx. 375
Pour Point	[°C]	approx. -55	approx. -50	approx. -25	approx. -1	approx. -18
Tg	[°C]	approx. -100	approx. -99	approx. -95	approx. -92	approx. -80

\* EP = Experimental Product

\*\* = Determination via GPC calibrated with polystyrene standard

\*\*\* = Determination via GPC calibrated with polybutadiene standard