

Physical Properties

Below are the physical properties of PIOCELAN

LP-E series White

Properties	Test Method	Unit	LP-60E	LP-50E	LP-40E
Molded Density		g/L	16.7	20	25
<i>Compression strength under 23 °C</i>					
25 % deformation	ISO 844	kPa	110	130	180
50 % deformation	ISO 844	kPa	180	200	240
70 % deformation	ISO 844	kPa	390	420	490
<i>Compression set</i>					
22h / RT / 24h / 25% deformation	ISO 1856 C	%	16.2	15.6	17.8
<i>Flexural</i>					
Strength	ISO 1209-1	kPa	340	440	530
Modulus	ISO 1209-1	kPa	4100	6200	6600
Tensile strength	ISO 1798	kPa	280	380	440
Tensile Elongation at break	ISO 1798	%	7.6	9.7	9.1
<i>Temperature stability (resistance)</i>					
Maximum		°C	70	70	70
Minimum		°C	-60	-60	-60

The data contained in this document are based on our current knowledge and experience. Neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose.