



B6 Vibra PUR

The range



Vibra PUR - Rød

- Statisk last max. 0,01 N/mm²
- Dynamisk last max. 0,016 N/mm²
- Kortvarige load peaks max. 0,5 N/mm²



Vibra PUR - Rose

- Statisk last max. 0,016 N/mm²
- Dynamisk last max. 0,026 N/mm²
- Kortvarige load peaks max. 0,7 N/mm²



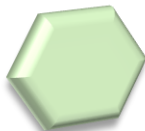
Vibra PUR - Orange

- Statisk last max. 0,026 N/mm²
- Dynamisk last max. 0,040 N/mm²
- Kortvarige load peaks max. 1,0 N/mm²



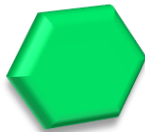
Vibra PUR - Gul

- Statisk last max. 0,040 N/mm²
- Dynamisk last max. 0,065 N/mm²
- Kortvarige load peaks max. 2,0 N/mm²



Vibra PUR - Lys Grøn

- Statisk last max. 0,065 N/mm²
- Dynamisk last max. 0,11 N/mm²
- Kortvarige load peaks max. 2,5 N/mm²



Vibra PUR - Grøn

- Statisk last max. 0,11 N/mm²
- Dynamisk last max. 0,17 N/mm²
- Kortvarige load peaks max. 3,0 N/mm²



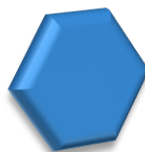
Vibra PUR - Mørk Grøn

- Statisk last max. 0,17 N/mm²
- Dynamisk last max. 0,26 N/mm²
- Kortvarige load peaks max. 3,5 N/mm²



Vibra PUR - Petrol

- Statisk last max. 0,26 N/mm²
- Dynamisk last max. 0,40 N/mm²
- Kortvarige load peaks max. 4,0 N/mm²



Vibra PUR - Blå

- Statisk last max. 0,40 N/mm²
- Dynamisk last max. 0,65 N/mm²
- Kortvarige load peaks max. 4,5 N/mm²



Vibra PUR - Mørk blå

- Statisk last max. 0,65 N/mm²
- Dynamisk last max. 0,95 N/mm²
- Kortvarige load peaks max. 5,5 N/mm²



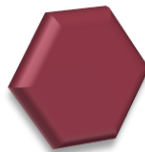
Vibra PUR - Mørk Violet

- Statisk last max. 0,95 N/mm²
- Dynamisk last max. 1,45 N/mm²
- Kortvarige load peaks max. 6,0 N/mm²



Vibra PUR - Mørk Violet

- Statisk last max. 1,3 N/mm²
- Dynamisk last max. 2,0 N/mm²
- Kortvarige load peaks max. 6,5 N/mm²



Vibra PUR - Bordeaux

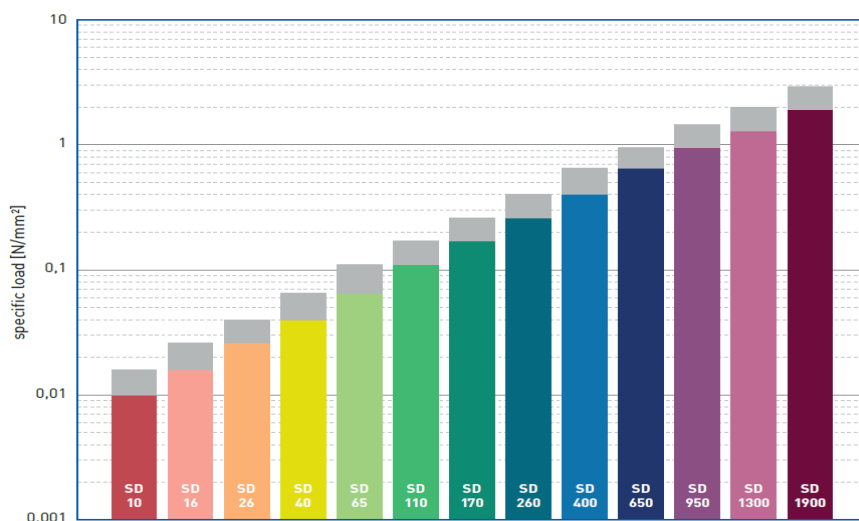
- Statisk last max. 1,9 N/mm²
- Dynamisk last max. 2,8 N/mm²
- Kortvarige load peaks max. 7,0 N/mm²

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Technical Data Sheet

Discover a world that combines good solutions with the best design



Vibra PUR
Working Range

Produkt type (Diepolast® SD)	Colour	Stat. duration load (N/mm ²) (from)	Dyn. Load (N/mm ²) (from)	Load max. (N/mm ²)	Thickness (mm)
B6 Vibra PUR - SD 10	red	0,0100	0,0160	0,5	12,5 25,0
B6 Vibra PUR - SD 16	rose	0,0160	0,0260	0,7	12,5 25,0
B6 Vibra PUR - SD 26	orange	0,0260	0,0400	1,0	12,5 25,0
B6 Vibra PUR - SD 40	yellow	0,0400	0,0650	2,0	12,5 25,0
B6 Vibra PUR - SD 65	light green	0,0650	0,1100	2,5	12,5 25,0
B6 Vibra PUR - SD 110	green	0,1100	0,1700	3,0	12,5 25,0
B6 Vibra PUR - SD 170	dark green	0,1700	0,2600	3,5	12,5 25,0
B6 Vibra PUR - SD 260	petrol	0,2600	0,4000	4,0	12,5 25,0
B6 Vibra PUR - SD 400	blue	0,4000	0,6500	4,5	12,5 25,0
B6 Vibra PUR - SD 650	dark blue	0,6500	0,9500	5,5	12,5 25,0
B6 Vibra PUR - SD 950	dark violet	0,9500	1,4500	6,0	12,5 25,0
B6 Vibra PUR - SD 1300	violet	1,3000	2,0000	6,5	12,5 25,0
B6 Vibra PUR - RD 1900	bordeaux	1,9000	2,8000	7,0	12,5 25,0

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Properties	SD 10	SD 16	SD 26	SD 40	SD 65	SD 110	SD 170	SD 260	SD 400	SD 650	SD 950	SD 1300	SD 1900	Test method
Colour	red	pink	orange	yellow	bright green	green	dark green	petrol	blue	dark blue	dark violet	violet	bordeaux red	
Static loads [N/mm ²] ⁽¹⁾	0.010	0.016	0.026	0.040	0.065	0.110	0.170	0.260	0.400	0.650	0.950	1.300	1.900	
Dynamic loads [N/mm ²] ⁽¹⁾	0.016	0.026	0.040	0.065	0.110	0.170	0.260	0.400	0.650	0.950	1.450	2.000	2.800	
Load peaks [N/mm ²] ⁽¹⁾	0.5	0.7	1.0	2.0	2.5	3.0	3.5	4.0	4.5	5.5	6.0	6.5	7.0	
Mechanical loss factor ⁽²⁾	0.25	0.24	0.22	0.15	0.18	0.12	0.13	0.11	0.10	0.10	0.10	0.09	0.09	DIN 53513 ⁽³⁾
Static E-modulus [N/mm ²] ⁽²⁾	0.048	0.111	0.129	0.316	0.453	0.861	0.931	1.64	2.72	4.57	8.16	12.0	20.4	DIN 53513 ⁽³⁾
Dynamic E-modulus [N/mm ²] ⁽²⁾	0.144	0.328	0.443	0.743	1.06	1.86	2.27	3.63	5.27	10.4	21.5	35.2	78.2	DIN 53513 ⁽³⁾
Resistance to strain at 10% deformation [N/mm ²]	0.011	0.018	0.026	0.046	0.073	0.130	0.170	0.270	0.370	0.590	0.930	1.340	1.840	
Residual compression set [%]	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 6	< 7	< 9	< 9	< 8	DIN ISO 1856
Tensile strength [N/mm ²]	> 0.35	> 0.40	> 0.45	> 0.55	> 0.70	> 0.95	> 1.25	> 1.65	> 2.25	> 3.00	> 3.80	> 4.40	> 5.00	DIN 53455-6-4
Elongation at break [%]	> 400	> 400	> 400	> 400	> 400	> 400	> 400	> 400	> 400	> 400	> 400	> 400	> 400	DIN 53455-6-4
Rebound elasticity [%]	50	50	50	50	50	50	50	50	50	50	50	50	50	DIN EN ISO 8307
Specific volume resistance [Ω-cm]	> 10 ¹²	> 10 ¹²	> 10 ¹¹	> 10 ¹¹	> 10 ¹¹	> 10 ¹¹	> 10 ¹¹	> 10 ¹¹	> 10 ¹¹	> 10 ¹¹	> 10 ¹¹	> 10 ¹¹	> 10 ¹¹	DIN IEC 93
Thermal conductivity [W/m-K]	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.11	0.11	0.11	DIN 52612-1
Operating temperature [°C]	- 30 to + 70													
Temperature peak [°C]	+ 120													
Inflammability	Class E / EN 13501-1													EN ISO 11925-1

(1) Values apply to form factor q = 3

(2) Measured at maximum limit of static application range

(3) Test according to respective standards

All information and data is based on our current knowledge. The data are subject to typical manufacturing tolerances and are not guaranteed.

We reserve the right to amend the data.

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