

PTFE 25% soft carbon-AS1515

Standard colour :black

- For soft contact surface

PROPERTIES	Value	Unit	Test method
Hardness	60_65	Shore D	ASTM 2240
Specific gravity	2.05_2.11	g/cm ³	ASTM D792
Coefficient of linear thermal expansion	12_13	$\frac{1}{^{\circ}\text{C}} \times 10^5$	ASTM D696
Tensile strength	15_20	N/mm ²	ASTM D4745
Elongation at break	150_200	%	ASTM D4745
Compression strength at 1 % deformation	7_9	N/mm ²	ASTM D695
Deformation under load (24 H 13.7 N/mm ² 23 °C)	4.5_6.5	%	ASTM D621
Permanent deformation (as above, after 24-h relaxation)	2.5_4	%	ASTM D621
Dinamico/Kinetic Coefficient Of friction	0.13	/	ASTM D1894
Wear factor at PV 100	20_30	N/mm	ASTM D3702
Min.service temperature	-200	°C	
max.service temperature	+260	°C	