



Material Data Sheet

PLMRUBBER-N85 Black

General Information

PLMRUBBER-N85 Black is polymer, based on Polybutadiene and acrylonitrile .

Main application: Pneumatic seals, oil seals.

Resistant to: Oily air, Lubricating oil, high temperature resistant oil and wear resistance .

Not resistant to: aromatic solvents, ozone

Physical properties

Colour:			Black
Hardness:	DIN ISO 7619 (3 sec)	Shore A	85±5
Density:	DIN EN ISO 1183-1	g/cm³	1.25±0.03
100% Modulus100%:	DIN53504	N/mm²	≥11
Tensile strength:	DIN53504	N/mm²	≥17
Elongation at break:	DIN53504	%	≥155
Tear strength:	DIN ISO 34-1	N/mm	≥20
Compression set : 24h/70°C 25%	DIN ISO 815	%	≤15
Compression set : 24h/100°C 25%	DIN ISO 815	%	≤16
Abrasion :	DIN 53516	mm³	≤100
Rebound elasticity	DIN53512	%	20
Heat resistance 120°C*72H	Hardness change	ISO 188	Shore A ± 10
	TS change	ISO 188	% ±40%
	Elongation change	ISO 188	% ±40%
Min.service temperature:	ISO11357-2	°C	-30
Max.service temperature:	ISO11357-2	°C	110

Remark

All test methods and values mentioned above are corresponding to ISO or DIN standards and have been tested on standardized plates in the laboratory. All tests are made under laboratory conditions.

Suzhou Pulim Sealing Technology Co., Ltd.

Address: No. 155 Huayang Road, Xiangcheng District, Suzhou, China, 215134

Phone: +86 512-66333588 Fax: +86 512-66333988

Email: sales@pulim.cn www.pulim.cn