



NEUFLON 148

This TDS describes a high performance thermoplastics polymer based on Polyetheretherketone.

Great wear resistance and outstanding performance at high temperature and pressure

Certifications

HD SLIPPERS SRL certifies that the NEUFLON® 148 complies with the following legal requirements

- Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC (Official Journal L 338)
- Commission Regulation (EC) No 2023/2006 of 22 December 2006 on good manufacturing practice (GMP) for materials and articles intended to come into contact with food (Official Journal L 384)
- In line with Article 17 of Regulation (EC) No 1935/2004, the traceability of all materials and items brought into circulation is assured by means of an appropriate system.
- The compound meets the specifications of the positive list to 21 CFR 177.2600 "Rubber articles intended for repeated use" of the Food and Drug Administration (FDA), USA.





NEUFLON 148

PROPERTY	METHOD	UNITS	VALUE
<u>PHYSICAL-MECHANICAL</u>			
Color			Beige
Specific gravity	ISO 1183	g/cm ³	1,30
Water absorption, saturation 23 °C	ISO 62-1	%	0,45
Hardness	ISO 868	Sh.D	84,5
Tensile strength	ISO 527	MPa	98
Tensile modulus	ISO 527	GPa	4
Compressive strength, at 23 °C	ISO 604	MPa	125
Elongation	ISO 527	%	45
Coefficient of dynamic friction	ASTM D3702	/	≤ 0,3
<u>THERMAL</u>			
Service temperature (min-max)	/	°C	-50/+250
Flammability	UL94	/	V-0

The data and information contained in this note, while being the result of many years of experience, are only indicative. The company HD Slippers S.r.l. will not be responsible neither for the impact of use of such data, nor for any conflict with existing patents.

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