



## P95-A252

This TDS describes an approved Hydrolysis resistant casted polyurethane H-PU compound with good mechanical and chemical resistances and recommended for low temperatures. This compound is intended for production of static and dynamic gaskets.

**HD SLIPPERS SRL certify that P95-A252 meets the following approvals**

- 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
- 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)
- Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food
- The compound meets the specifications of the positive list to 21 CFR 177.1680 "Polyurethane resins" of the Food and Drug Administration (FDA), USA.

**HD SLIPPERS SRL**  
legal representative





## P95-A252

PROPERTY	METHOD	UNITS	VALUE
Color			Red
Specific gravity	DIN 53479	g/cm <sup>3</sup>	1,11 ±0,03
Hardness	DIN 53505	Sh.A	95 ±2
Tensile strength	DIN 53504	N/mm <sup>2</sup>	≥ 40
Elongation	DIN 53504	%	≥ 450
Modulus 100%	DIN 53504	N/mm <sup>2</sup>	≥ 7
Tear resistance	DIN 53515	kN/m	≥100
Service temperature (min-max)	/	°C	-50/+105
Compression set			
25% - 24 hrs at 70 °C	DIN 53517	%	≤ 20
25% - 24 hrs at 100 °C	DIN 53517	%	≤ 30

### CHEMICAL RESISTANCE GUIDELINE

R = Resistant		NR = Not Resistant	
Chemical group / Media	Rating	Chemical group / Media	Rating
Acids and Lyes (concentrated)	NR	Sea water	R
Alcohols (concentrated)	NR	Silicone Oils	R
HFA Fluid	R	Solvent	NR
HFB Fluid	R	Steam	NR
HFD Fluid	NR	Vegetable Oils	R
Mineral Oils	R	Water up to 90 °C	R
Oxygen (cold)	R		

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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