



P57-A260

This TDS describes an approved Hydrolysis resistant casted polyurethane H-PU compound with good mechanical and chemical resistances Higher hardness compared to other H-PU materials

This compound is intended for production of static and dynamic gaskets

HD SLIPPERS SRL certify that P57-A260 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





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PROPERTY	METHOD	UNITS	VALUE
Color			Blue
Specific gravity	DIN 53479	g/cm ³	1,17 ±0,03
Hardness	DIN 53505	Sh.D	57 ±3
Tensile strength	DIN 53504	N/mm ²	≥ 40
Elongation	DIN 53504	%	≥ 330
Modulus 100%	DIN 53504	N/mm ²	≥ 12
Tear resistance	DIN 53515	kN/m	≥130
Service temperature (min-max)	/	°C	-30/+125
Compression set			
25% - 24 hrs at 70 °C	DIN 53517	%	≤ 25
25% - 24 hrs at 100 °C	DIN 53517	%	≤ 35

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		

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