



P88-V258

This TDS describes a Hydrolysis resistant casted polyurethane H-PU compound with good mechanical and chemical resistances
This compound is intended for production of static and dynamic gaskets

Due to its lower hardness compared to standard H-PU it is very flexible and easier to install in tight housing situations and is also used when a "softer" material is needed to have higher compression (preload) of the sealing material





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PROPERTY	METHOD	UNITS	VALUE
Color			Green
Specific gravity	DIN 53479	g/cm ³	1,1 ±0,03
Hardness	DIN 53505	Sh.A	90 ±2
Tensile strength	DIN 53504	N/mm ²	≥ 45
Elongation	DIN 53504	%	≥ 300
Modulus 100%	DIN 53504	N/mm ²	≥ 8
Tear resistance	DIN 53515	kN/m	≥90
Service temperature (min-max)	/	°C	-30/+115
Compression set			
25% - 24 hrs at 70 °C	DIN 53517	%	≤ 25
25% - 24 hrs at 100 °C	DIN 53517	%	≤ 45

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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