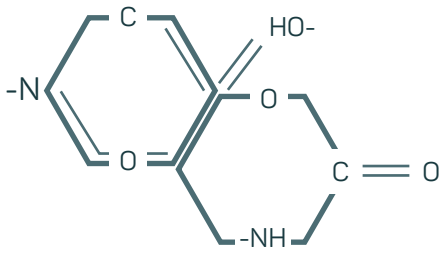


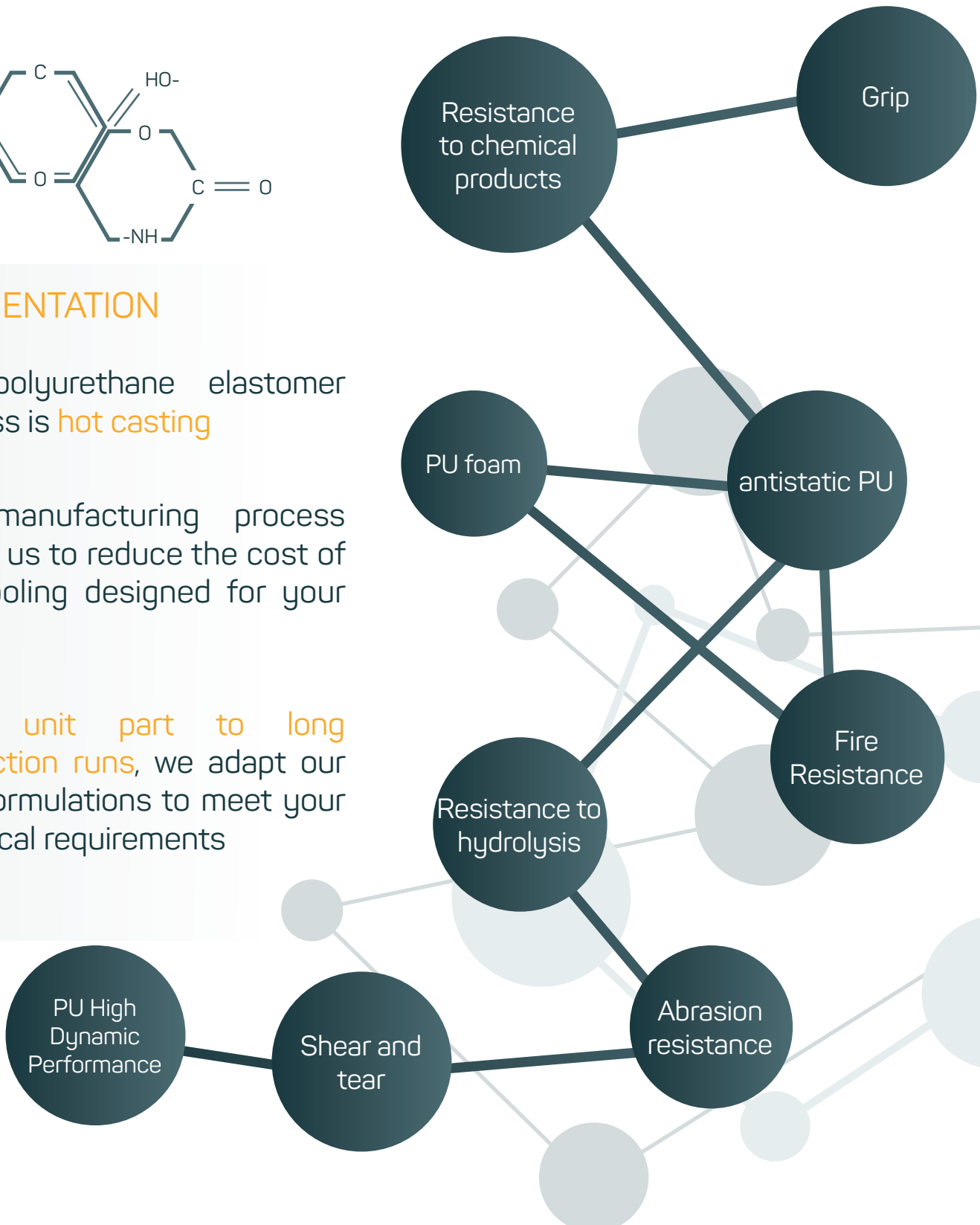


POLYURETHANE



IMPLEMENTATION

- Our polyurethane elastomer process is **hot casting**
- Our manufacturing process allows us to reduce the cost of the tooling designed for your parts
- From **unit part to long production runs**, we adapt our own formulations to meet your technical requirements



YOUR PRODUCT

SHARE WITH US YOUR DESIGN, YOUR SPECIFICATIONS
AND LET US BUILD THE WHOLE PROJECT

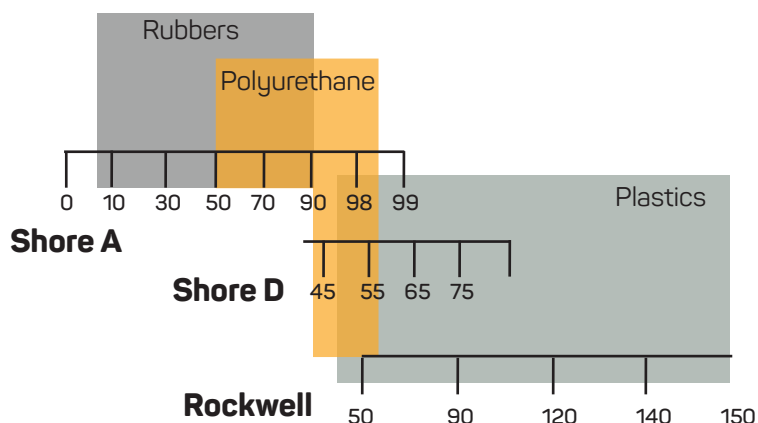


PIM

Créateur de solutions polyuréthane

TECHNICAL ALTERNATIVES

Our formulations allow to offer a hardness range from 50 shA to 60 shD.



Low hardness is a solution for :

- Damping
- Noise reduction
- From training

High hardness is a solution for :

- High Load Capacity
- Low Friction
- Higher speed of use
- Low start-up effort

Characteristics	Standard	Unit of measure	Polyurethane										Rubber
			50	60	70	80	92	95	98	99			
Hardness	DIN 53 505	Shore A	50	60	70	80	92	95	98	99			69
Hardness	DIN 53 505	Shore D	12	16	22	29	39	46	52	60			19
Elongation at break	DIN 53 504	%	>600	>450	>450	468	473	476	464	457			380
Tensile strength	DIN 53 504	N/mm ²	>20	>20	>33	45,9	48,2	50,5	49,3	50,4			16
Tear Resistance	DIN ISO 34-1	kN/m	14,6	18,7	22,5	33,6	51,7	66,1	79,3	86,4			-
Abrasion resistance	DIN 53 516	mm ²	25	17	13	16	22	27	36	45			180

The colour you need!

Polyurethane is a non-marking material and can be offered in different colours.



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