

Poliur.95ShA (tondo Per Tornio)

(Particolari/Guarnizioni realizzate con processo di taglio/tornitura da tondino con queste caratteristiche)

Thermoplastic polyuretane with resistance to hydrolisis

MECHANICAL, PHYSICAL AND THERMAL PROPERTIES

properties	Condition	Standard	Unit	
Colour				RED
hardness	23°C	ISO868	ShoreA	95+/-5
hardness	23°C	ISO868	Shore D	48+/-5
modulus 100%	23°C	DIN53 504	MPa	>=15
modulus 300%	23°C	DIN53 504	MPa	>=28
tensile strength	23°C	DIN53 504	MPa	>=50
elongation at break	23°C	DIN53 504	%	>=350
tear strength	23°C	DIN ISO 34-1	KN/m	>= 110
spec.gravity	23°C	ISO 1183	gr/cm3	1,2
abrasion	23°C	DIN 53 516	mm3	17
compression set	*	ISO 815	%	<=27
compression set	**	ISO 815	%	<=33
maximum service temperature			°C	-20
maximum service temperature			°C	115

* 24h 70°C 25% def.

** 24h 100°C 25% def.

MECHANICAL, PHYSICAL AND THERMAL PROPERTIES

copolymer, based on aromatic isocyanate and diols

Resistant to oil, hot water, hot air, ozone, synthetic and native esters

Not resistant to conc.acids, conc.lyes, conc-alchols and aromatic solvents

Foodstuff approval (Only on request, Ask for it first)

Only on request: 1935/2004 EC, FDA-approved compopund avaiable