



Polyurethane (PU) Yellow 90 ShA

PU90

Polyurethane has low gas permeability which makes it suitable for use in applications with compressed air such as in gas springs and air rifles. It also has fantastic abrasion and tear resistance. Poor resistance to water, acids, ketones (MEK), chlorinated hydrocarbons and brake fluid.

Colour: Yellow

Operating Temperature range: -30°C to +80°C

Physical Property	Test Method	Unit	Typical Values
Hardness	ASTM D2240	ShA	90
Tensile Strength	ASTM D412	Psi	2250
Elongation	ASTM D395	%	254
Modulus at 100%		Psi	1240
Specific Gravity		g/cm ³	1.219
Compression Set		°C	41

Approvals/Special Features: