

SoreMill PU (ref. PU-1) is provided as a general reference. Soremag maintains a complete inventory of cast polyurethane formulations developed in-house, covering all major system families: MDI, TDI, NDI, PPDI, polycaprolactone, polyether and polyester. Standard formulations are available from stock — custom recipes can be developed on request to meet specific hardness, chemical or mechanical performance requirements.

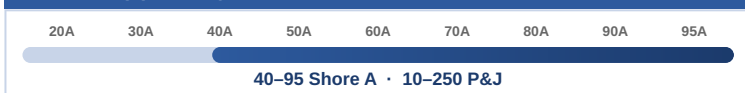
SHORE A
40–95
Available

P&J
10–250
Available

PHYSICAL PROPERTIES

Abrasion Resistance	■ ■ ■ ■ ■ 5
Tear Resistance	■ ■ ■ ■ ■ 5
Load Bearing	■ ■ ■ ■ ■ 5
Hysteresis	■ ■ ■ ■ ■ 5
Resistance to Denting	■ ■ ■ ■ ■ 5
Ozone Resistance	■ ■ ■ ■ ■ 4
Resiliency	■ ■ ■ ■ ■ 4
Max. Service Temp.	100°C / 212°F

HARDNESS RANGE



CHEMICAL RESISTANCE

Acids	■ ■ ■ ■ ■ 1
Caustics	■ ■ ■ ■ ■ 1
Paraffinic Hydrocarbons	■ ■ ■ ■ ■ 2
Aromatic Hydrocarbons	■ ■ ■ ■ ■ 1
Chlorinated Hydrocarbons	■ ■ ■ ■ ■ 1
Water	■ ■ ■ ■ ■ 2
Ketones	■ ■ ■ ■ ■ 1
Alcohols	■ ■ ■ ■ ■ 3
Esters	■ ■ ■ ■ ■ 1

RATING LEGEND

5 = Excellent · 4 = Above Average · 3 = Average · 2 = Fair · 1 = Poor

RECOMMENDED APPLICATIONS

Coating / Varnishing	Embossing	Flexography	Laminating
Laser Engraving	Metal Decorating	Offset Printing	Paper Making Industry
Plastics	Plate Processors	Steel Mill Rollers	Textile Rollers
Wood Industry			

INDUSTRIES SERVED

Packaging, plastic film & converting	Wood, panels & surface finishing
METAL, STEEL, ALUMINUM & COIL	CONVEYORS, HANDLING & OEM

SOREMAG FORMULATIONS

Data presented corresponds to our standard SoreMill PU formulation (ref. PU-1). Other versions are available depending on your application: hardness, enhanced chemical resistance, surface finish, grooving profile. Non-contractual document — indicative values only. Contact us for a personalized recommendation.

