



RAW MATERIAL INFORMATION FORM

NAME OF RAW MATERIAL: **JPU 500**

CONTENT OF RAW MATERIAL: PU

DENSITY OF RAW MATERIAL: $1,31 \pm 3 \text{ g/cm}^3$

COLOUR OF RAW MATERIAL: Red



MECHANICAL PROPERTIES

	SYMBOL-UNIT	STANDARD	VALUE
TENSILE STRENGTH	N/mm ²	DIN 53504	≥50
ELONGATION AT BREAK	%	DIN 53504	≥350
COMPRESSION SET (%25, 70°C de 24s)	%	DIN ISO 815-1	≥25
COMPRESSION SET (%25, 100°C de 24s)	%	DIN ISO 815-1	≥35
TEAR STRENGTH	kN/m	DIN ISO 34-1	≥100
HARDNESS	Shore A	DIN ISO 7619-1	95 ±2

THERMAL PROPERTIES

	SYMBOL-UNIT	STANDARD	VALUE
SERVICE TEMPERATURE	°C	/	-30/+125

CHEMICAL RESISTANCE

RESISTANT TO	Water up to 90°C, Sea Water, Mineral Oils, Vegetable Oils, Silicone Oils, Ozone, Oxygen (cold), HFA fluids, HFB fluids, diluted Acids and Lyes
NOT RESISTANT TO	Steam, conc. Acids and Lyes, conc. Alcohols, Solvents, HFD fluids