

# RHONDAMA LIMITED C-HPU-72D

## C-HPU Hardness 72° Shore D Natural

Thermoplastic polyurethane with resistance to hydrolysis

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### Mechanical, physical and thermal properties

Properties	Condition	Standard	Unit			
Colour				Natural		Natural
Hardness	23°C	ISO 868	Shore D	72±3	Shore D	72±3
Modulus 100%	23°C	DIN 53 504	MPa	≥40	Psi	≥5800
Tensile strength	23°C	DIN 53 504	MPa	≥50	Psi	≥7250
Elongation at break	23°C	DIN 53 504	%	≥150	%	≥150
Tear strength	23°C	DIN 53 515	kN/m	≥110	Ibf/inch	≥625
Spec. gravity	23°C	ISO 1183	Kg/m <sup>3</sup>	1210	g/cm <sup>3</sup>	1,21
Minimum service temperature			°C	-20	°F	-4
Maximum service temperature			°C	110	°F	230

### Chemical Properties

**Copolymer, based on aromatic isocyanate and diols and internal lubricants**

**Resistant to:** oil, petrol, hot water, hot air, ozone

**Not resistant to:** conc. acids, conc. lyes, conc. alcohols and aromatic solvents

*Detailed information concerning chemical resistance see Rhondama Compatibility Chart*