

CHPU14

MATERIAL	CHPU14 is a Copolymer, based on aromatic isocyanate and diols.
DESCRIPTION	It is a Copolymer, what means that it is a plastic. It has medium high friction but fair chemical resistance. The resistance for wear, extrusion and abrasion is very good. Lastly it has good compressive strength
APPLICATION	oil, (hot) water and very good resistant to Ozone.
TEMPERATURE	The temperature range is -26 °C to 110 °C

Maximum and minimum working temperature is depending on the specific application criteria

PHYSICAL PROPERTIES	TEST METHOD	UNIT	VALUE
Color			Black
Specific Gravity	ISO1183 at 23°C	g/cm ³	1,21
Hardness	ISO868 at 23 °C	Shore D	72 +/- 3
Tensile strength at break	DIN53504 at 23°C	Mpa	>50
Elongation at break	DIN53504 at 23°C	%	>150
Service temperature range	/	°C	-26/110

The above values are typical

The information in this datasheet is based on many years of experience in the application of CHPU14. However, unknown parameters and conditions may restrict general statements during usage. It is vital that users satisfy themselves as to the suitability of individual products through adequate testing. For this reason and due to the wide range of applications of our products, AST B.V. can accept no liability as to the suitability or correctness of our recommendations in individual cases. The application limits for pressure, temperature and velocity given in this datasheet are maximum values determined in the test laboratory. During practical applications it should be remembered that due to the interaction of the operating parameters, the maximum values must be set correspondingly lower. For exceptional operating conditions, please contact us.