

Matrix Clear Flex PU 30-80A

Applications

Casting for production of transparent prototype parts and mock-ups with rubber-like properties. Produces flexible parts.

Properties

- ▶ Variable hardness: 30 → 80 shore A
- ▶ Excellent flow properties
- ▶ Transparent
- ▶ Easily dyeable
- ▶ Free of mercury
- ▶ High tear strength
- ▶ RoHS conform



PHYSICAL DATA

Properties	Inspection requirements	Unit	Value
Tensile strength	ISO 37	MPa	2.2 ± 0.2
Elongation at break	ISO 37	%	2000 ± 500
Shore hardness	DIN ISO 7619-1	Shore A	30 ± 2
Tear resistance - arch shaped test piece with incision 1 mm	DIN ISO 34-1	kN/m	6.7 ± 0.5