



MAIN FEATURES

- Low moisture absorption
- Excellent machinability
- Excellent wear characteristics
- Exceptional resistance to abrasion

COLOUR Yellow

PROPERTIES

	Typical value	Units	Test method ASTM
DENSITY	1.14	g/cm ³	
WATER ABSORPTION 24H	0,105	%	D570
FLAMMABILITY	V2		UL94

MECHANICAL PROPERTIES

	Typical value	Units	Test method
MODULUS OF ELASTICITY	4138	Mpa	D638
TENSILE STRENGTH 23°C	79.92	Mpa	D638
TENSILE STRENGTH -40°C	109.52	Mpa	D638
ELONGATION AT 23°C	5.37	%	D638
ELONGATION AT BREAK	-	%	D638
FLEXURAL STRENGTH	121.55	MPa	D790
DEFORMATION UNDER LOAD 140KGF/CM2 AT 23°C FOR 24H	1.0/2.0	%	D621
COMPRESSIVE STRENGTH	140	MPa	D695
COMPRESSIVE YIELD STRENGTH	91.2	Mpa	D695
CHARPY IMPACT STRENGTH 23°C	54.8	J/M	D256
CHARPY IMPACT STRENGTH -40°C	19.8	J/M	D256

THERMAL PROPERTIES

	Typical value	Units	Test method
HEAT DISTORTION TEMPERATURE °C	209	66 PSI	D648
MELTING TEMPERATURE	216	°C	D3418
SERVICE TEMPERATURE (LONG TERM)	125	°C	D570
SERVICE TEMPERATURE (SHORT TERM)	190	°C	D570



ELECTRICAL PROPERTIES

	Typical value	Units	Test method
DIELECTRIC STRENGTH	>15	Kv/mm	D149

AVAILABLE

SEMI-FINISHED PRODUCTS

ROD	At request
TUBE	At request

We produce customized finished Devlon-V products according to your specifications.

This can be based on a drawing or model.

Any questions about products or make an enquiry? Simply call +31 180 46 34 71 or send us an e-mail at sales@ridderflex.nl