

# Tensile modulus of elasticity



Trade name	Abbreviation	Designation	Value	Unit
CENTRODAL C	POM C	Polyoxymethylene Copolymer	2.600	MPa
CENTRODAL C FG	POM C FG	Polyoxymethylene Copolymer Food Grade	2.600	MPa
CENTRODAL W	POM W	Polyoxymethylene C + drinking water approval	2.600	MPa
CENTRODAL H	POM H	Polyoxymethylene Homopolymer	3.600	MPa
CENTRODAL GL	POM + PE	Polyoxymethylene + PE-UHMW	2.200	MPa
CENTRODAL TF	POM + PTFE	Polyoxymethylene + PTFE	2.500	MPa
CENTRODAL GF	POM GF 30	Polyoxymethylene + 30% glass fibre	9.200	MPa
CENTRODAL LF	POM LF	Polyoxymethylene electrically conductive	2.800	MPa
CENTRODAL MD	POM MD	Polyoxymethylene magnetically detectable	3.200	MPa
CENTROGUARD	POM CG	Polyoxymethylene C + antimicrobial agents	2.600	MPa
CENTROLYTE	PET	Polyethylene terephthalate	3.600	MPa
CENTROLYTE FG	PET FG	Polyethylene terephthalate Food Grade	3.600	MPa
CENTROLYTE ZX	PET ZX	Polyethylene terephthalate with lubricant	3.450	MPa
CENTROMID 6 E	PA 6 E	Polyamide 6 extruded	3.250	MPa
CENTROMID 6 E FG	PA 6 E FG	Polyamide 6 extruded + Food Grade	3.250	MPa
CENTROMID 6 G	PA 6 G	Polyamide 6 Cast	3.500	MPa
CENTROMID 6 GF	PA 6 GF 30	Polyamide 6 + 30 % glass fibre	8.700	MPa
CENTROMID 6.6	PA 6.6	Polyamide 6.6	3.100	MPa
CENTROMID 6.6 FG	PA 6.6 FG	Polyamide 6.6 Food Grade	3.100	MPa
CENTROMID 6.6 GL	PA 6.6 + PE	Polyamide 6.6 + PE	2.700	MPa
CENTROMID 6.6 GF	PA 6.6 GF 30	Polyamide 6.6 + 30% glass fibre	5.900	MPa
CENTROMID 12	PA 12	Polyamide 12	1.300	MPa
CENTROMID 12 GF	PA 12 GF 30	Polyamide 12 + 30% glass fibre	6.000	MPa
CENTROMID 12 soft	PA 12 soft	Polyamide 12 soft	400	MPa
CENTROMID 12 LE soft	PA 12 LE soft	Polyamide 12 LE soft	350	MPa
CENTROCARB	PC	Polycarbonate	2.400	MPa
CENTROCARB GF	PC GF 30	Polycarbonate + 30% glass fibre	5.000	MPa
CENTROPHEN	PPE	Polyphenyle ether	2.300	MPa
CENTROPHEN GF	PPE GF 30	Polyphenyle ether + 30% glass fibre	8.000	MPa
CENTROSOL	ABS	Acrylnitrile butadiene Styrene copolymer	2.600	MPa
CENTROLEN	PE-HD	Polyethylene High Density	1.000	MPa
CENTROLEN	PE-UHMW	Ultra-high molecular weight Polyethylene	800	MPa
CENTROLEN	PP-H	Polypropylene Homopolymer	1.300	MPa
CENTROLEN	PPs	Polypropylene flame resistant	1.300	MPa
CENTROLEN	PP GF 30	Polypropylene + 30% glass fibre	6.500	MPa
CENTROLEN	PP LF	Polypropylene electrically conductive	1.450	MPa
CENTROLAB HT	PP-HT	Polypropylene Higher Temperature	1.400	MPa
CENTROPEEK	PEEK	Polyetheretherketone	4.400	MPa
CENTRO HPM	PPSU	Polyphenylsulphone	2.500	MPa
CENTRO HPM	PSU	Polysulphone	2.700	MPa
CENTRO HPM	PEI	Polyetherimide	3.400	MPa
CENTROTRON	PPS	Polyphenylene sulfide	3.500	MPa
CENTROTRON GF 15	PPS GF 15	Polyphenylene sulfide + 15% glass fibre	5.000	MPa
CENTROTRON GF 40	PPS GF 40	Polyphenylene sulfide + 40% glass fibre	2.000	MPa
CENTROFLON	PVDF	Polyvinylidene fluoride	2.000	MPa

Method of verification: ISO 527-2