

# Ball indentation hardness



Trade name	Abbreviation	Designation	Value	Unit
CENTRODAL C	POM C	Polyoxymethylene Copolymer	140	MPa
CENTRODAL C FG	POM C FG	Polyoxymethylene Copolymer Food Grade	140	MPa
CENTRODAL W	POM W	Polyoxymethylene C + drinking water approval	140	MPa
CENTRODAL H	POM H	Polyoxymethylene Homopolymer	160	MPa
CENTRODAL GL	POM + PE	Polyoxymethylene + PE-UHMW	110	MPa
CENTRODAL TF	POM + PTFE	Polyoxymethylene + PTFE	120	MPa
CENTRODAL GF	POM GF 30	Polyoxymethylene + 30% glass fibre	200	MPa
CENTRODAL LF	POM LF	Polyoxymethylene electrically conductive	147	MPa
CENTRODAL MD	POM MD	Polyoxymethylene magnetically detectable	148	MPa
CENTROGUARD	POM CG	Polyoxymethylene C + antimicrobial agents	140	MPa
CENTROLYTE	PET	Polyethylene terephthalate	170	MPa
CENTROLYTE FG	PET FG	Polyethylene terephthalate Food Grade	170	MPa
CENTROLYTE ZX	PET ZX	Polyethylene terephthalate with lubricant	160	MPa
CENTROMID 6 E	PA 6 E	Polyamide 6 extruded	150	MPa
CENTROMID 6 E FG	PA 6 E FG	Polyamide 6 extruded + Food Grade	150	MPa
CENTROMID 6 G	PA 6 G	Polyamide 6 Cast	165	MPa
CENTROMID 6 GF	PA 6 GF 30	Polyamide 6 + 30 % glass fibre	200	MPa
CENTROMID 6.6	PA 6.6	Polyamide 6.6	160	MPa
CENTROMID 6.6 FG	PA 6.6 FG	Polyamide 6.6 Food Grade	160	MPa
CENTROMID 6.6 GL	PA 6.6 + PE	Polyamide 6.6 + PE	165	MPa
CENTROMID 6.6 GF	PA 6.6 GF 30	Polyamide 6.6 + 30% glass fibre	120	MPa
CENTROMID 12	PA 12	Polyamide 12	64	MPa
CENTROMID 12 GF	PA 12 GF 30	Polyamide 12 + 30% glass fibre	120	MPa
CENTROMID 12 soft	PA 12 soft	Polyamide 12 soft	150	MPa
CENTROMID 12 LE soft	PA 12 LE soft	Polyamide 12 LE soft	100	MPa
CENTROCARB	PC	Polycarbonate	130	MPa
CENTROCARB GF	PC GF 30	Polycarbonate + 30% glass fibre	98	MPa
CENTROPHEN	PPE	Polyphenyle ether	50	MPa
CENTROPHEN GF	PPE GF 30	Polyphenyle ether + 30% glass fibre	40	MPa
CENTROSOL	ABS	Acrylnitrile butadiene Styrene copolymer	67	MPa
CENTROLEN	PE-HD	Polyethylene High Density	62	MPa
CENTROLEN	PE-UHMW	Ultra-high molecular weight Polyethylene	110	MPa
CENTROLEN	PP-H	Polypropylene Homopolymer	230	MPa
CENTROLEN	PPs	Polypropylene flame resistant	155	MPa
CENTROLEN	PP GF 30	Polypropylene + 30% glass fibre	170	MPa
CENTROLEN	PP LF	Polypropylene electrically conductive	100	MPa
CENTROLAB HT	PP-HT	Polypropylene Higher Temperature	-	MPa
CENTROPEEK	PEEK	Polyetheretherketone	230	MPa
CENTRO HPM	PPSU	Polyphenylsulphone	-	MPa
CENTRO HPM	PSU	Polysulphone	155	MPa
CENTRO HPM	PEI	Polyetherimide	170	MPa
CENTROTRON	PPS	Polyphenylene sulfide	-	MPa
CENTROTRON GF 15	PPS GF 15	Polyphenylene sulfide + 15% glass fibre	-	MPa
CENTROTRON GF 40	PPS GF 40	Polyphenylene sulfide + 40% glass fibre	-	MPa
CENTROFLON	PVDF	Polyvinylidene fluoride	100	MPa

Method of verification: ISO 2039-1