

# Charpy impact strength



Trade name	Abbreviation	Designation	Value	Unit
CENTRODAL C	POM C	Polyoxymethylene Copolymer	220	kJ/m <sup>2</sup>
CENTRODAL C FG	POM C FG	Polyoxymethylene Copolymer Food Grade	220	kJ/m <sup>2</sup>
CENTRODAL W	POM W	Polyoxymethylene C + drinking water approval	220	kJ/m <sup>2</sup>
CENTRODAL H	POM H	Polyoxymethylene Homopolymer	>200	kJ/m <sup>2</sup>
CENTRODAL GL	POM + PE	Polyoxymethylene + PE-UHMW	50	kJ/m <sup>2</sup>
CENTRODAL TF	POM + PTFE	Polyoxymethylene + PTFE	60	kJ/m <sup>2</sup>
CENTRODAL GF	POM GF 30	Polyoxymethylene + 30% glass fibre	30	kJ/m <sup>2</sup>
CENTRODAL LF	POM LF	Polyoxymethylene electrically conductive	120	kJ/m <sup>2</sup>
CENTRODAL MD	POM MD	Polyoxymethylene magnetically detectable	60	kJ/m <sup>2</sup>
CENTROGUARD	POM CG	Polyoxymethylene C + antimicrobial agents	220	kJ/m <sup>2</sup>
CENTROLYTE	PET	Polyethylene terephthalate	>50	kJ/m <sup>2</sup>
CENTROLYTE FG	PET FG	Polyethylene terephthalate Food Grade	>50	kJ/m <sup>2</sup>
CENTROLYTE ZX	PET ZX	Polyethylene terephthalate with lubricant	>30	kJ/m <sup>2</sup>
CENTROMID 6 E	PA 6 E	Polyamide 6 extruded	n.br.	kJ/m <sup>2</sup>
CENTROMID 6 E FG	PA 6 E FG	Polyamide 6 extruded + Food Grade	n.br.	kJ/m <sup>2</sup>
CENTROMID 6 G	PA 6 G	Polyamide 6 Cast	n.br.	kJ/m <sup>2</sup>
CENTROMID 6 GF	PA 6 GF 30	Polyamide 6 + 30 % glass fibre	>50	kJ/m <sup>2</sup>
CENTROMID 6.6	PA 6.6	Polyamide 6.6	n.br.	kJ/m <sup>2</sup>
CENTROMID 6.6 FG	PA 6.6 FG	Polyamide 6.6 Food Grade	n.br.	kJ/m <sup>2</sup>
CENTROMID 6.6 GL	PA 6.6 + PE	Polyamide 6.6 + PE	40	kJ/m <sup>2</sup>
CENTROMID 6.6 GF	PA 6.6 GF 30	Polyamide 6.6 + 30% glass fibre	>50	kJ/m <sup>2</sup>
CENTROMID 12	PA 12	Polyamide 12	n.br.	kJ/m <sup>2</sup>
CENTROMID 12 GF	PA 12 GF 30	Polyamide 12 + 30% glass fibre	80	kJ/m <sup>2</sup>
CENTROMID 12 soft	PA 12 soft	Polyamide 12 soft	n.br.	kJ/m <sup>2</sup>
CENTROMID 12 LE soft	PA 12 LE soft	Polyamide 12 LE soft	n.br.	kJ/m <sup>2</sup>
CENTROCARB	PC	Polycarbonate	n.br.	kJ/m <sup>2</sup>
CENTROCARB GF	PC GF 30	Polycarbonate + 30% glass fibre	45	kJ/m <sup>2</sup>
CENTROPHEN	PPE	Polyphenyle ether	-	kJ/m <sup>2</sup>
CENTROPHEN GF	PPE GF 30	Polyphenyle ether + 30% glass fibre	25	kJ/m <sup>2</sup>
CENTROSOL	ABS	Acrylnitrile butadiene Styrene copolymer	-	kJ/m <sup>2</sup>
CENTROLEN	PE-HD	Polyethylene High Density	n.br.	kJ/m <sup>2</sup>
CENTROLEN	PE-UHMW	Ultra-high molecular weight Polyethylene	n.br.	kJ/m <sup>2</sup>
CENTROLEN	PP-H	Polypropylene Homopolymer	n.br.	kJ/m <sup>2</sup>
CENTROLEN	PPs	Polypropylene flame resistant	n.br.	kJ/m <sup>2</sup>
CENTROLEN	PP GF 30	Polypropylene + 30% glass fibre	40	kJ/m <sup>2</sup>
CENTROLEN	PP LF	Polypropylene electrically conductive	n.br.	kJ/m <sup>2</sup>
CENTROLAB HT	PP-HT	Polypropylene Higher Temperature	8	kJ/m <sup>2</sup>
CENTROPEEK	PEEK	Polyetheretherketone	n.br.	kJ/m <sup>2</sup>
CENTRO HPM	PPSU	Polyphenylsulphone	n.br.	kJ/m <sup>2</sup>
CENTRO HPM	PSU	Polysulphone	n.br.	kJ/m <sup>2</sup>
CENTRO HPM	PEI	Polyetherimide	n.br.	kJ/m <sup>2</sup>
CENTROTRON	PPS	Polyphenylene sulfide	-	kJ/m <sup>2</sup>
CENTROTRON GF 15	PPS GF 15	Polyphenylene sulfide + 15% glass fibre	48	kJ/m <sup>2</sup>
CENTROTRON GF 40	PPS GF 40	Polyphenylene sulfide + 40% glass fibre	-	kJ/m <sup>2</sup>
CENTROFLON	PVDF	Polyvinylidene fluoride	n.br.	kJ/m <sup>2</sup>

Method of verification: ISO 179/1eU