

## CENTROPLAST CENTROLEN PP TV Polypropylene + talc

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

This material is a low density, easily machined plastic that has good damping properties and is reinforced with talc for high rigidity.

Applications include components for the electrical industry, housings and covers. Information provided by CENTROPLAST Engineering Plastics GMBH

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_CENTROPLAST-CENTROLEN-PP-TV-Polypropylene-talc.php](http://www.lookpolymers.com/polymer_CENTROPLAST-CENTROLEN-PP-TV-Polypropylene-talc.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Ball Indentation Hardness	90.0 MPa	13100 psi	value at 30 sec.; ISO 2039-1
Tensile Strength, Yield	33.0 MPa	4790 psi	v = 50 mm/min; ISO 527-2
Elongation at Break	>= 6.0 %	>= 6.0 %	ISO 527-2
Tensile Modulus	3.80 GPa	551 ksi	ISO 527-2
Charpy Impact Unnotched	3.00 J/cm <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	ISO 179/1eU
Charpy Impact, Notched	0.300 J/cm <sup>2</sup>	1.43 ft-lb/in <sup>2</sup>	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	Long Term
	130 °C	266 °F	Short term
Deflection Temperature at 1.8 MPa (264 psi)	>= 75.0 °C	>= 167 °F	ISO 75-2

## Contact Songhan Plastic Technology Co.,Ltd.

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