

## Inno-Comp INNOPOLÂ® CS 1-3130 30% Talc-Filled Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Talc Filler

### Material Notes:

INNOPOLÂ® CS 1-3130 is a 30% talc-filled polypropylene homopolymer compound /PP-H TD30 (ISO 1043)/. This grade is available in natural and custom colored form as well. INNOPOLÂ® CS 1-3130 is recommended especially for producing products, where high stiffness, low shrinkage and long term heat stability are required. All information provided by INNO-COMP.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Inno-Comp-INNOPOL-CS-1-3130-30-Talc-Filled-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-1-3130-30-Talc-Filled-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc @Temperature 23.0 Â°C	0.0408 lb/inÂ³ @Temperature 73.4 Â°F	ISO 1183
Melt Flow	9.0 g/10 min @Load 2.16 kg, Temperature 230 Â°C	9.0 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ISO 1133
Ash	28 % @Temperature 900 Â°C	28 % @Temperature 1650 Â°F	ISO 3451-1/A

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	3.6 %	3.6 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	3.50 GPa	508 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	3.60 GPa	522 ksi	2 mm/min; ISO 178
Charpy Impact Unnotched	1.40 J/cmÂ² @Temperature -30.0 Â°C	6.66 ft-lb/inÂ² @Temperature -22.0 Â°F	ISO 179/1eU
	2.70 J/cmÂ² @Temperature 23.0 Â°C	12.8 ft-lb/inÂ² @Temperature 73.4 Â°F	ISO 179/1eU
Charpy Impact, Notched	0.210 J/cmÂ² @Temperature -30.0 Â°C	0.999 ft-lb/inÂ² @Temperature -22.0 Â°F	ISO 179/1eA
	0.280 J/cmÂ²	1.33 ft-lb/inÂ²	

Mechanical Properties	Metric	English	ISO 179/1eA Comments
	@ Temperature 23.0 Â°C	@ Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Melting Point	164 Â°C	327 Â°F	DSC; ISO 11357-1,-3
Deflection Temperature at 0.46 MPa (66 psi)	123 Â°C	253 Â°F	ISO 75-1,-2
Deflection Temperature at 1.8 MPa (264 psi)	67.0 Â°C	153 Â°F	ISO 75-1,-2
Vicat Softening Point	153 Â°C	307 Â°F	A120; ISO 306
	192 Â°C	378 Â°F	B120; ISO 306

Descriptive Properties	Value	Comments
Color	Natural	

## Contact Songhan Plastic Technology Co.,Ltd.

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