

## Inno-Comp INNOPOLÂ® CS 3-9120 SR5 17% Talc Filled Polypropylene Blend

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Talc Filler

### Material Notes:

INNOPOLÂ® CS 3-9120 SR5 is a 17% talc-filled compound based on blend of polypropylene block copolymer and homopolymer. This grade is available in natural and custom colored form. INNOPOLÂ® CS 3-9120 SR5 is developed for producing injection molded automotive components. Information provided by INNO-COMP

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Inno-Comp-INNOPOL-CS-3-9120-SR5-17-Talc-Filled-Polypropylene-Blend.php](http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-3-9120-SR5-17-Talc-Filled-Polypropylene-Blend.php)

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/inÂ³	ISO 1183
Melt Flow	30 g/10 min @Load 2.16 kg, Temperature 230 Â°C	30 g/10 min @Load 4.76 lb, Temperature 446 Â°F	nozzle diam 2.095 mm; ISO 1133
Storage Temperature	<= 60.0 Â°C	<= 140 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Stress	25.0 MPa	3630 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	3.0 %	3.0 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	2.10 GPa	305 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	2.20 GPa	319 ksi	ISO 178
Charpy Impact, Notched	0.220 J/cmÂ² @Temperature -20.0 Â°C	1.05 ft-lb/inÂ² @Temperature -4.00 Â°F	ISO 179/1eA
	0.450 J/cmÂ² @Temperature 23.0 Â°C	2.14 ft-lb/inÂ² @Temperature 73.4 Â°F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	108 Â°C	226 Â°F	ISO 75-1,-2

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	190 - 240 Â°C	374 - 464 Â°F	Injection
Middle Barrel Temperature	190 - 240 Â°C	374 - 464 Â°F	Injection

Front Barrel Temperature Processing Properties	190 - 240 Å°C Metric	374 - 464 Å°F English	Injection Comments
Melt Temperature	210 - 250 Å°C	410 - 482 Å°F	Injection
Mold Temperature	10.0 - 50.0 Å°C	50.0 - 122 Å°F	
Moisture Content	<= 0.070 %	<= 0.070 %	

Descriptive Properties	Value	Comments
Resin Designation	PP-H/PP-B TD 17	ISO 1043

## Contact Songhan Plastic Technology Co.,Ltd.

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