

## Teknor Apex Synres® SR 4000 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Notes: The Specialty Compounding Division offers a proprietary line of mineral filled polyolefins, including talc and calcium carbonate filled polypropylenes. Typical applications include injection molded siding panels, pool products, transportation parts, various home products as well as other applications requiring higher rigidity, lower shrinkage and lower coefficient of linear thermal expansion than natural polyolefins. These compounds can be tailored to specific needs and are available pre-colored or natural. Forms: Pellets Additional Information: Bulk Density: 48.5 lbs/ft<sup>3</sup> Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Synres-SR-4000-Polypropylene.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Synres-SR-4000-Polypropylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	ASTM D792
Melt Flow	12.0 g/10 min @Load 2.16 kg, Temperature 230 °C	12.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	10 seconds; ASTM D2240
Tensile Strength at Break	25.5 MPa	3700 psi	ASTM D638
Elongation at Yield	3.5 %	3.5 %	ASTM D638
Flexural Modulus	2.34 GPa	340 ksi	ASTM D790
Izod Impact, Notched	0.374 J/cm	0.700 ft-lb/in	ASTM D256

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China