

# Synres® PP G15 18

Teknor Apex Company - Polypropylene

Friday, June 30, 2017

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Forms	• Pellets		

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.7	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 2.00 in)	8900	psi	ASTM D638
Flexural Modulus (0.500 in)	395000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.6	ft-lb/in	ASTM D256
Gardner Impact	96.0	in-lb	ASTM D5420
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	77		ASTM D2240

### Additional Information

Heat Deflection, 66 psi = 312 F (ASTM D-648)

ASH = 15% (ASTM D-5630)

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

#### Teknor Apex Company Corporate Headquarters

In U.S. for Vinyls, TPEs, Colorants,  
Engineered Thermoplastics (Chem Polymer)  
505 Central Avenue  
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000  
Fax: 401-725-8095  
Toll Free (U.S. only) 800-556-3864

info@teknorapex.com

#### Teknor Apex U.K. Ltd.

Tat Bank Road  
Oldbury, West Midlands B69 4NH England

Phone: (44) 121-665-2100  
Fax: (44) 121-544-5530

etpsales@teknorapex.co.uk



Revision Date: 12/12/2013

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.