

- Polypropylene

Friday, June 30, 2017

**General Information**

**General**

Material Status	• Commercial: Active
Availability	• Asia Pacific
Forms	• Pellets

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

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.20		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.011	in/in	ASTM D955
Molding Shrinkage - Across Flow	7.5E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	1890	psi	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	435000	psi	ASTM D790
Flexural Strength	4350	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.41	ft-lb/in	ASTM D256

**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

**上海松翰塑化科技有限公司**  
 TEKNOR APEX 特诺尔爱佩斯 一级分销商  
 teknorapex.shshsj.com 联系电话: 021-58958519

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