

- Polypropylene

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Friday, June 30, 2017

General Information				
Commercial: Active				
Africa & Middle East	Asia Pacific	Latin America		
Flame Retardant	Halogen Free			
 Electrical Parts 				
Pellets				
	 Commercial: Active Africa & Middle East Flame Retardant Electrical Parts 	Commercial: Active Africa & Middle East Asia Pacific Flame Retardant Electrical Parts	Commercial: Active Africa & Middle East Africa & Middle East Africa & Middle East Asia Pacific Latin America Halogen Free Electrical Parts	

ASTM & ISO Properties ¹				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.02		ASTM D792	
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5	g/10 min	ASTM D1238	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength	3920	psi	ASTM D638	
Tensile Elongation (Break)	50	%	ASTM D638	
Flexural Strength	4060	psi	ASTM D790	
Impact	Nominal Value	Unit	Test Method	
Notched Izod Impact	1.9	ft·lb/in	ASTM D256	
Hardness	Nominal Value	Unit	Test Method	
Durometer Hardness	98		ASTM D2240	
Thermal	Nominal Value	Unit	Test Method	
Vicat Softening Temperature	302	°F	ASTM D1525 ²	
Flammability	Nominal Value	Unit	Test Method	
Flame Rating (0.12 in)	V-0		UL 94	
Glow Wire Flammability Index	1760	°F	IEC 60695-2-12	
Oxygen Index	33	%	ASTM D2863	

Notes

¹ Typical properties: these are not to be construed as specifications.

² Loading 1 (10 N)

Teknor Apex Company Corporate Headquarters

Teknor Apex U.K. Ltd.

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

Tat Bank Road Oldbury, West Midlands B69 4NH England

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

etpsales@teknorapex.co.uk



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