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- Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information				
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Material Status	Commercial: Active			
Availability	Asia Pacific			
Features	Good Impact Resistance			
Uses	Electrical Parts Piping			
Forms	Pellets			
Processing Method	Injection Molding			

ASTM & ISO Properties ¹				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.41		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength (Yield)	7250	psi	ASTM D638	
Tensile Elongation (Break)	110	%	ASTM D638	
Impact	Nominal Value	Unit	Test Method	
Notched Izod Impact	0.55	ft·lb/in	ASTM D256	
Thermal	Nominal Value	Unit	Test Method	
Vicat Softening Temperature	190	°F	ASTM D1525	
Heat Stability ² (374°F)	1.7	hr	BS 2782	

Notes

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

² Congo Red@190oC

In U.S. for Vinyls, TPEs, Colorants,

Teknor Apex Company **Corporate Headquarters**

505 Central Avenue

Teknor Apex U.K. Ltd.

etpsales@teknorapex.co.uk

Tat Bank Road Oldbury, West Midlands B69 4NH England

Engineered Thermoplastics (Chem Polymer) Phone: (44) 121-665-2100 Pawtucket, Rhode Island 02861 U.S. Fax: (44) 121-544-5530

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

info@teknorapex.com

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