

APEX® 60002

Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Flame Retardant		
Uses	• Communication Wire Insulation		
Wire Types	• CL2R • CL3R	• CMR • FPLR	• MPR • OFNR
Agency Ratings	• NEC Article 725 • NEC Article 760 • NEC Article 770	• NEC Article 800 • UL 13 • UL 1424	• UL 444
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3500	psi	ASTM D638
Tensile Elongation (Break)	270	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	90		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	14.0	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863
Additional Information			
Temperature Rating: 90 °C			

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	390	°F

Notes

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

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