

# APEX® 590

Flexible Polyvinyl Chloride

Teknor Apex Company

## Message:

Applications include tubing, sheet and film, wire coating, and strip doors.

General Information			
Features	General Purpose		
Uses	Tubing		
	Wire Jacketing		
Wire Types	SPT-1		
Agency Ratings	UL 498		
	UL 62		
RoHS Compliance	RoHS Compliant		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	22.1	MPa	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	60.0	°C	ASTM D794
Brittleness Temperature	-17.0	°C	ASTM D746

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