

APEX® 154

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 154 is a flexible polyvinyl chloride material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is: extrusion. APEX®The main features of the 154 are: ROHS certification.
Typical application areas include:
Wire and cable
military applications

General Information			
Uses	Non-flexible sheath material		
	Military cable sheath material		
Wire Types	Molded member		
Agency Ratings	MIL C-915-C		
RoHS Compliance	RoHS compliance		
Appearance	Opacity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	13.1	MPa	ASTM D638
Tensile Elongation (Break)	390	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
Additional Information			
Temperature Rating: 80 °CUL Sunlight Resistance Recognition: NoUltimate Elongation Retained, UL 1581, Oven Aged, 7 days, 100°C: 95 %Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 100°C: 106 %Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 113°C: 85 %Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 113°C: 113 %			
Extrusion	Nominal Value	Unit	
Melt Temperature	179	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

