

APEX® 6500-105

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 6500-105 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 6500-105 are:

- flame retardant/rated flame
- ROHS certification
- Flame Retardant

Typical application areas include:

- Wire and cable
- Hose

General Information			
UL YellowCard	E54709-245305	E142591-543058	
Features	Flame retardancy		
Uses	Wire sheath		
	Pipe fittings		
Agency Ratings	UL QMFZ2 .E54709		
RoHS Compliance	RoHS compliance		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.0 - 1.2	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	20.7	MPa	ASTM D638
Tensile Elongation (Break)	280	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-10.0	°C	ASTM D746
RTI Elec (3.00 mm)	50.0	°C	UL 746
RTI Imp (3.00 mm)	50.0	°C	UL 746
RTI (3.00 mm)	50.0	°C	UL 746
Electrical	Nominal Value		Test Method
Comparative Tracking Index (CTI) (3.00 mm)	PLC 0		UL 746
High Amp Arc Ignition (HAI) (3.00 mm)	PLC 0		UL 746
Hot-wire Ignition (HWI) (3.00 mm)	PLC 0		UL 746

Flammability	Nominal Value	Test Method
Flame Rating (3.00 mm)	V-0	UL 94
Additional Information		
温度额定值:60 °C		
Injection	Nominal Value	Unit
Processing (Melt) Temp	193	°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

