

Manner Flexible PVC X4590

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Lead-free transparent tubing and profile extrusion compound This compound is also suitable to certain injection molding applications. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information	
Features	Low (to None) Lead Content
Uses	Profiles
	Tubing
RoHS Compliance	RoHS Compliant
Appearance	Clear/Transparent
Processing Method	Extrusion
	Injection Molding
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20 to 1.24	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	90		
Shore A, 15 sec	84		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
1.52 mm	21.1	MPa	
100% Strain, 1.52 mm	13.8	MPa	
Tensile Elongation (Break, 1.52 mm)	370	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-24.0	°C	ASTM D746

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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

