

Manner Flexible PVC V979 TRN700

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: Non-Lead Heat Stabilized 105°C Clear Extrusion Compound. This compound is RoHS compliant.

General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Heat Stabilizer
Features	• Heat Stabilized • Low (to None) Lead Content
Appearance	• Clear/Transparent
Processing Method	• Extrusion

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.23 to 1.27		ASTM D792
Mechanical			
Tensile Modulus - 100% Secant	2000	psi	ASTM D638
Tensile Strength	2800	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness			
Durometer Hardness (Shore A, 15 sec)	87 to 93		ASTM D2240
Thermal			
Brittleness Temperature	-16.6	°F	ASTM D746
Aging			
Change in Tensile Strength in Air ² (277°F, 168 hr)	-3.0	%	
Change in Ultimate Elongation in Air ² (277°F, 168 hr)	-11	%	
Flammability			
Oxygen Index	27	%	ASTM D2863

Notes

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

² Air Aged Retention

