

## Manner Flexible PVC V853

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: Telco jacketing compound designed to pass the flammability tray test. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

#### General

Material Status	<ul style="list-style-type: none"> <li>Commercial: Active</li> </ul>
Availability	<ul style="list-style-type: none"> <li>North America</li> </ul>
Features	<ul style="list-style-type: none"> <li>Good Flexibility</li> </ul>
RoHS Compliance	<ul style="list-style-type: none"> <li>RoHS Compliant</li> </ul>
Forms	<ul style="list-style-type: none"> <li>Pellets</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>Extrusion</li> </ul>

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37 to 1.41		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2500	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	87 to 93		
Shore A, 15 sec	81 to 87		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (235°F, 168 hr)	-1.0	%	UL 1581
Change in Ultimate Elongation in Air (235°F, 168 hr)	-2.0	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

