



**Product Data Sheet and  
General Processing Conditions**

**RTP 4899 X 134050  
Polyvinylchloride (PVC)  
Electrically Conductive  
Extrusion  
Preliminary**

This compound was designed for flexible conductive applications.

**PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS**

<b>PERMANENCE</b>		<b>STANDARD</b>
Density	1.25 g/cm <sup>3</sup>	DIN 53479
<b>MECHANICAL</b>		
Tensile Strain		
At Break	>150 %	ISO 527-2/1A
Tear Strength	10 N/mm <sup>2</sup>	ISO 527-1
Shore Hardness	80 A	DIN 53505
<b>ELECTRICAL</b>		
Surface Resistance (23 °C, 50% RH) Flat film, 800 µm	< 10 <sup>6</sup> ohm	IEC 93

**DATA NOTES**

Data herein is typical and not to be construed as specifications.  
Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties.

**GENERAL PROCESSING GUIDELINES**

Melt Temperature	165-185 °C
Die Temperature	185 °C
Drying	4-6 hr @ 60 °C

**PROCESSING NOTES**

None.

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This information is intended to be used only as a guideline for designers and processors of modified thermoplastics for injection molding. Because injection mold design and processing is complex, a set solution will not solve all problems. Observation on a "trial and error" basis may be required to achieve desired results.

Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.

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