

SZ-80 G

Shriram Polytech Flex PVC Compound

General Information

Material Status	<ul style="list-style-type: none"> • Commercially Active
Color	<ul style="list-style-type: none"> • Grey
Application	<ul style="list-style-type: none"> • Automotive Four-Wheeler – Door Trim
Forms	<ul style="list-style-type: none"> • Pellets
Processing Method	<ul style="list-style-type: none"> • Extrusion

Test Results

Physical	Test Method	Specification	Unit
Specific Gravity	ASTM D 792	1.28±0.03	-
Mechanical	Test Method	Specification	Unit
Tensile Strength at Break	IS-10810	≥125	kg/cm ²
Elongation at Break	IS-10810	≥300	%
Hardness	Test Method	Specification	Unit
Shore 'A' Hardness (15 sec delay)	ASTM D 2240	70±3	-
Thermal Stability	Test Method	Specification	Unit
Thermal Stability at 200 °C	IS-5831	≥60	Minutes
Processing Information			
Temperature Range	Barrel Zones (°C)	Die (°C)	Melt Temperature (°C)
	140-170	165-170	175-180

For better results pre-drying of granules is recommended @ 75±5°C for approximately 15 minutes.

Important: The technical data herein is believed to be accurate and Shriram Polytech makes no representation of any kind with respect to the information contained in the document about its accuracy, suitability for a particular application or results obtained or obtainable using this information. These values and sets of properties are based upon laboratory work with small scale equipment and do not necessarily indicate end product performance. Full scale testing and end product use and performance are the responsibility of the Buyer. Buyer assumes all risk of use, storage and handling of the product. NO WARRANTY, EXPRESS OR IMPLIED, IS MADE INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall be construed as a license to operate under, or recommendation to infringe, and patents. Reported data are typical values and are not to be construed as product specifications.