

AT-45 K

Shriram Polytech Flex PVC Compound

General Information

Material Status	<ul style="list-style-type: none"> • Commercially Active
Application	<ul style="list-style-type: none"> • Automotive Application
Color	<ul style="list-style-type: none"> • Black
Forms	<ul style="list-style-type: none"> • Pellets
Processing Method	<ul style="list-style-type: none"> • Injection Molding

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	≥30	kg/cm ²
Elongation at Break	IS-10810	≥300	%
Hardness	Test Method	Specification	Unit
Shore 'A' Hardness (15 sec delay)	ASTM D 2240	45±3	-
Thermal Stability	Test Method	Specification	Unit
Thermal Stability at 200 °C	IS-5831	≥20	Minutes
Processing Information			
Temperature Range	Typical Barrel Setting (°C)		Melt Temperature (°C)
	120-150		160-165

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

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