

**Ready to use Bisphenol Cure Fluoroelastomer for Coloured Moulding Compound**

**HiFluon™ HE 900** series are designed for metal bonded coloured goods. **HiFluon™ FKM** Compounds are manufactured using high quality raw materials under Japanese mixing systems in a dust free atmosphere. **HiFluon™ FKM** compounds offer stable physical properties from batch to batch. **HiFluon™ FKM** compounds are targeted to help users reduce their cost and at the same time achieve high physical properties.

**HiFluon™ HE 900** series displays highheat resistance to long term ageing at an elevated temperatures. The working temperature range is -26°C to 230°C. For short working periods it can withstand higher temperatures.

**REFERENCE RECIPES AND PROPERTIES**

Grade	HE 960	HE 970	HE 980
<b>Press Cure: 10 min @ 170°C / Post Cure: 24 hr @ 230°C</b>			
Specific Gravity	1.93	1.95	1.96
Colour	As Per Customer Requirement		
Hardness (Shore A) +/-5	60	70	80
Tensile Strength (kg/cm <sup>2</sup> )	86	92	101
Elongation at Break (%)	240	230	190
<b>Compression Set %</b>			
22 hr @175°C	12	16	20
<b>Hot Air Ageing - 70 hr @ 250°C</b>			
Change in Tensile Strength (%)	+6	+5	+5
Change in Elongation (%)	-12	-12	-16
Change in Hardness (Shore A)	+2	+2	+2

**Applications:**

Moulded goods, O-rings, etc.

**Instructions on Use:**

- Warm up compound on mixing mill before use.
- Ensure proper mould/press temperature and accurate curing time for optimum cure.
- Post cure at 230°C for 24 hours is mandatory.
- Store in a cool, dry and dark place. For longer storage life, seal unused compound in pouch to avoid contact with moisture.

**Packing:**

1 kg, 2 kgs & 5 kgs aluminum foil pouch & 20 kgs boxes. Standard thickness of sheet is 6 mm.