

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

**HiFluon™ HE 500** series are designed for metal bonding. **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 500** series display high heat resistance to long term ageing at 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 560	HE 570	HE 580
<b>Press Cure: 10 min @ 170°C / Post Cure: 24 hr @ 230°C</b>			
Specific Gravity	1.88	1.89	1.89
Colour	Black	Black	Black
Hardness (Shore A) +/-5	60	70	80
Tensile Strength (kg/cm <sup>2</sup> )	111	123	129
Elongation at Break (%)	250	220	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 (%)	+5	+5	+6
Change in Elongation (%)	-14	-12	-15
Change in Hardness (Shore A)	+2	+2	+2

**Applications:**

Shaftseals, oil seal, bellows 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.