

Ready to use Bisphenol Cure Fluoroelastomer Moulding Compound

HiFluon™ HE 300 series compounds are designed for general purpose use. **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 300 series compounds are designed for general purpose moulding and 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 360	HE 370	HE 380	HE 390
Press Cure: 10 min @ 170°C / Post Cure: 24 hr @ 230°C				
Specific Gravity	1.87	1.87	1.89	1.89
Colour	Black	Black	Black	Black
Hardness (Shore A) +/-5	60	70	80	90
Tensile Strength (kg/cm ²)	98	111	122	126
Elongation at Break (%)	250	210	190	160
Compression Set %				
22 hr @175°C	12	15	19	22
Hot Air Ageing - 70 hr @ 250°C				
Change in Tensile Strength (%)	+2	+5	+7	+9
Change in Elongation (%)	-12	-10	-15	-18
Change in Hardness (Shore A)	+2	+2	+2	+3

Applications:

Moulded goods, gasket, 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.