

Ready to use Bisphenol Cure Fluoroelastomer for Coloured Moulding Compound

HiFluon™ HE 800 series are designed for coloured moulded goods requiring low compression set. **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 800 series displays high heat 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 860	HE 870	HE 880
Press Cure: 10 min @ 170°C / Post Cure: 24 hr @ 230°C			
Specific Gravity	1.93	1.95	1.96
Colour	As Per Customer Requirement		
Hardness (Shore A) +/-5	61	70	80
Tensile Strength (kg/cm ²)	99	101	103
Elongation at Break (%)	250	210	190
Compression Set %			
22 hr @175°C	10	11	12
Hot Air Ageing - 70 hr @ 250°C			
Change in Tensile Strength (%)	+3	+4	+5
Change in Elongation (%)	-12	-11	-15
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, 2kgs & 5 kgs aluminum foil pouch & 20 kgs boxes. Standard thickness of sheet is 6 mm.