

General Purpose Molding Products GF(D,E)151 Series

GF(D,E)151 series are general purpose type heat cured elastomer for molding, in which 181,191 could also be used for extrusion. GF/GFE/GFD series are same products, GF series is for domestic sales, GFE is for transplant sales, GFD is for direct export

KEY FEATURES

- ◆ Very good transparency and appearance
- ◆ Excellent process ability.
- ◆ Well balanced physical properties and bound resilience
- ◆ 30, 40, 50, 60, 70, 80, 90 durometer grades available
- ◆ ROHS test passed
- ◆ UL94 HB test passed. GF(E)151 UL file number E312893



APPLICATIONS

- ◆ Silicone Keypad
- ◆ Silicone Gasket
- ◆ Silicone Parts



TYPICAL PROPERTY DATA

Item	Standard(GB/T)	131	141	151	161	171	181	191
Appearance		Translucent						
William plasticity	12828-2006	155± 20	160± 20	200±20	250± 30	-	-	-
Curing agent		C-8						
Phr (%)		2.0						
Curing condition		170°C×5Min						
Linear shrinkage(%)	130mm× 130mm	3.3-3.8	3.2-3.7	3.1-3.6	3.0-3.5	2.9-3.4	3.1-3.6	2.8-3.4
Hardness (Shore A)	531.1-2008	30±2	40±2	50±2	60±2	70±2	81±3	90±3
Tensile Strength(MPa) ≥	528-1998	4.5	6.5	7.0	7.0	7.0	6.0	5.0
Elongation (%) ≥	528-1998	500	420	320	250	200	120	100
Tensile set (%) ≤	528-1998	8.0	8.0	8.0	6.0	6.0	6.0	8.0
Tear strength(KN/m) ≥	529-2008	12.0	16.0	18.0	18.0	16.0	16.0	18.0