

High Strength & Transparency Products GF(D,E)2051M Series

GF(D,E)2051M series are high strength & transparency type heat cured elastomer for molding and 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

- ◆ Excellent process ability.
- ◆ High strength
- ◆ 30, 40, 50, 60, 70, 80 durometer grades available
- ◆ ROHS test passed



APPLICATIONS

- ◆ Silicone Baby nipple
- ◆ Silicone Tubes
- ◆ Silicone Parts



TYPICAL PROPERTY DATA

Item	Standard(GB/T)	2031M	2041M	2051M	2061M	2071M	2081M
Appearance		transparent					
Curing agent		C-15					
phr (%)		2.0					
Curing conditions		170°C × 10 minutes					
Hardness (Shore A)	531.1-2008	30±2	40±2	50±2	60±2	70±2	80±3
Tensile Strength(MPa) ≥	528-1998	7.0	7.0	8.0	8.0	7.5	6.5
Elongation (%) ≥	528-1998	750	500	550	400	300	250
Tensile set (%) ≤	528-1998	8.0	8.0	8.0	10.0	12.0	14.0
Tear strength(KN/m) ≥	529-2008	14.0	18.0	28.0	26.0	28.0	24.0