

High Strength Products GF(D,E)2051 Series

GF(D,E)2051 series are high strength type heat cured elastomer for molding or 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
- ◆ 25, 30, 40, 50, 60, 70, 75, 80 durometer grades available
- ◆ ROHS/FDA test passed

APPLICATIONS

- ◆ Silicone Kitchenware
- ◆ Silicone Skin for MP3/MP4/Mobile Phone
- ◆ Silicone Wire/Cable
- ◆ Silicone Tubes
- ◆ Silicone Sealing, Silicone parts



TYPICAL PROPERTY DATA

Item	Standard (GB/T)	2021	2031	2041	2051	2061	2071	2075	2081
Appearance		transparent							
Curing agent		C-15							
phr (%)		2.0							
Curing conditions		170°C × 10 Min.							
Hardness (Shore A)	531.1-2008	25±2	30±2	40±2	50±2	60±2	70±2	75±2	80±3
Tensile Strength (MPa) ≥	528-1998	5.5	7.0	8.0	8.0	8.0	7.5	7.5	7.5
Elongation (%) ≥	528-1998	700	750	550	500	400	300	300	200
Tensile set (%) ≤	528-1998	10.0	8.0	8.0	8.0	8.0	8.0	12.0	8.0
Tear strength (KN/m) ≥	529-2008	12.0	14.0	18.0	26.0	26.0	26.0	26.0	24.0