

Self-Lubricated Products GF(D,E)150M /151M Series

GF(D,E)150M/151M series are self-lubricated products for molding. 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.
- ◆ Self-lubricated. Easy to assemble.
- ◆ Excellent physical strength
- ◆ 20, 30, 40, 50, 60 durometer grades available
- ◆ ROHS test passed



APPLICATIONS

- ◆ Auto parts
- ◆ Seals
- ◆ Industry parts



TYPICAL PROPERTY DATA

Table1 Self-Lubricated Products

Item	Standard (GB/T)	120M	130M	140M	150M	160M
Appearance		Translucent				
Curing agent		C-8				
Phr (%)		2.0				
Curing conditions		170°C × 5 Min				
Hardness (Shore A)	531.1-2008	20 ± 3	30 ± 3	40 ± 3	50 ± 3	60 ± 3
Tensile Strength(MPa) ≥	528-1998	4.0	4.5	6.0	7.0	5.5
Elongation (%) ≥	528-1998	500	400	300	250	200
Tensile set (%) ≤	528-1998	8.0	8.0	8.0	8.0	8.0
Tear strength(KN/m) ≥	529-2008	8.0	12.0	12.0	15.0	15.0



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Table2 High strength Self-Lubricated Products

Item	Standard (GB/T)	121M	131M	141M	151M	161M
Appearance		Translucent				
Curing agent		C-8				
Phr (%)		2.0				
Curing conditions		170°C × 5 Min				
Hardness (Shore A)	531.1-2008	20 ± 3	30 ± 3	40 ± 3	50 ± 3	60 ± 3
Tensile Strength(MPa) ≥	528-1998	5.0	5.0	7.0	8.0	7.0
Elongation (%) ≥	528-1998	500	400	350	300	300
Tensile set (%) ≤	528-1998	8.0	8.0	8.0	8.0	8.0
Tear strength(KN/m) ≥	529-2008	12.0	15.0	20.0	20.0	20.0