

Heat Resistant Products

GF(D,E)551/551T(R)/551HT Series

GF(D,E)551/551T(R)/551HT series are heat resistant products, 551/ 561 / 571 can be used below 250°C. GF551T(R) / 561T(R) / 571T(R) can be used below 280°C. GF551HT / 561HT / 571HT can be used below 315°C. 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 processability.
- ◆ Excellent heat resistant capability
- ◆ Excellent physical properties
- ◆ 50, 60, 70 durometer grades available
- ◆ ROHS test passed

APPLICATIONS

- ◆ Auto accessories
- ◆ Wires/Cables/Tubes
- ◆ Parts
- ◆ Seals



TYPICAL PROPERTY DATA

Table1

Item	Standard(GB/T)	551	561	571
Appearance		Transparent		
Curing agent		C-8		
phr (%)		2.0		
Curing conditions		170°C × 5Min		
Hardness (Shore A)	531.1-2008	50 ± 3	60 ± 3	70 ± 3
Tensile Strength(MPa) ≥	528-1998	7.0	7.0	7.0
Elongation (%) ≥	528-1998	320	250	200
Tensile set (%) ≤	528-1998	8.0	8.0	8.0
Tear strength(KN/m) ≥	529-2008	18.0	18.0	16.0

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Table2

Item	Standard(GB/T)	551T (R)	561T (R)	571T (R)
Appearance		Transparent(Red)		
Curing agent		C-15		
phr (%)		2.0		
Curing conditions		170°C × 1.0 Min.		
Hardness (Shore A)	531.1-2008	50 ± 3	60 ± 3	70 ± 3
Tensile Strength(MPa) ≥	528-1998	8.0	8.0	7.5
Elongation (%) ≥	528-1998	500	400	300
Tensile set (%) ≤	528-1998	8.0	8.0	8.0
Tear strength(KN/m) ≥	529-2008	22.0	22.0	22.0

Table3

Item	Standard(GB/T)	551HT	561HT	571HT
Appearance		Red		
Curing agent		C-15		
phr (%)		2.0		
Curing conditions		170°C × 1.0 Min.		
Hardness (Shore A)	531.1-2008	50 ± 3	60 ± 3	70 ± 3
Tensile Strength(MPa) ≥	528-1998	8.0	8.0	8.0
Elongation (%) ≥	528-1998	300	250	180
Tensile set (%) ≤	528-1998	10.0	10.0	10.0
Tear strength(KN/m) ≥	529-2008	16.0	18.0	16.0