



# Dalian Richfortune Chemicals Co., Ltd.

12A-11 Yangguang Shuma Building, 596 Huang Pu Road,  
DaLian, Liaoning 116023, China  
Tel: +86-411-84820922/84821539  
Fax: +86-411-84821380  
Website: [www.richfortunechem.com](http://www.richfortunechem.com)  
Email : sales@richfortunechem.com

---

## RFCTHERM-PHT350

### Product Description

RFCTHERM-PHT350 is also called Partial Hydrogenated Terphenyl, the materials is mainly from the distillation residue of Biphenyl process, RFCTHERM-PHT350 is one proven fluid and the world's most popular and customer satisfaction high temperature, liquid phase heat transfer fluid, In critical applications, RFCTHERM-PHT350 is the only choice.

Users can expect many years of reliable, trouble-free operation, even when operating continuously at the recommended maximum temperature of 350 .

### The Temperature Range for use

Liquid: 0 to 350

### Applications

It can be used in a wide variety of industries, such as:

- Chemicals
- PET production
- Synthetic Fiber plants
- Plastics
- Biodiesel
- Many other applications that require a high temperature heat transfer fluid.

### Our Production Capacity

At present: 2000mt/a, we are trying to improve it.



# Dalian Richfortune Chemicals Co., Ltd.

12A-11 Yangguang Shuma Building, 596 Huang Pu Road,  
DaLian, Liaoning 116023, China  
Tel: +86-411-84820922/84821539  
Fax: +86-411-84821380  
Website: [www.richfortunechem.com](http://www.richfortunechem.com)  
Email : sales@richfortunechem.com

## Typical Properties

Item	Standard
Appearance	Clear Pale Yellow liquid
Constituent	Partial Hydrogenated Terphenyl
Average Molecular Weight	252
Density(20 ) g/ml	1.000-1.010
Chroma(Pt-Co)	300
Flash Point (ASTM D-92)	176
Fire Point (ASTM D-92)	212
Auto-ignition Temperature (ASTM D-2155)	450
Water %	150ppm
Viscosity (40 ), mm <sup>2</sup> /s	26-37
Normal Boiling Point	359
Boling Range 10%	348
Boling Range 90%	392
Maximum Film Tem	375
Pour Point( )	-25



# Dalian Richfortune Chemicals Co., Ltd.

12A-11 Yangguang Shuma Building, 596 Huang Pu Road,

DaLian, Liaoning 116023, China

Tel: +86-411-84820922/84821539

Fax: +86-411-84821380

Website: [www.richfortunechem.com](http://www.richfortunechem.com)

Email : sales@richfortunechem.com

Expansion Coefficient(200 )	0.000819/
S	5ppm
CL	2pm
Acid Value(mg KOH/g)	0.01